

AD-A190 357

LENINGRAD USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LVSOC) PARTS 8-1117 818 FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88

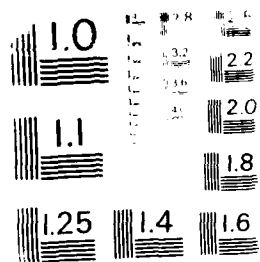
1/3

UNCLASSIFIED

USAFETAC/DS-88/882

F/C 4/2

NL



Resolution Test Chart

AD-A190 357

RS 240630

USAFETAC/DS-88/002

1

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

JNC FILE COPY



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

LENINGRAD USSR MSC #260630
N 59 56 E 000 06 ELEV 13 FT

PARTS A - F HOURS SUMMARIZED: 0000 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: OCT 77 - SEP 87
SUMMARY OF DAY DATA: DEC 58 - AUG 87

JAN 06 1988

"Approved for public release: FEDERAL BUILDING
Distribution Unlimited."

ASHEVILLE, N.C. 28801 - 2723

DTIC
ELECTE
FEB 04 1988
S D

88 1 29 002

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/002 LENINGRAD USSR (LISOCs) Jan 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read 'Walter S. Burgmann', with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

1a. Report Security Classification: UNCLASSIFIED

3. Distribution/Availability of Report: Approved for public release; distribution unlimited.

4. Performing Organization Report Number: USAFETAC/DS-88/002

5. Monitoring Organization Report Number: USAFETAC/DS-38/002

6a. Name of Performing Organization: USAFETAC/OL-A

6b. Office Symbol:

6c. Address: Federal Building, Asheville, NC 28801-2723

7a. Name of Monitoring Organization: USAFETAC

7b. Address: Scott AFB, IL 62225-5458

11 Title: (LISOCS) Leningrad USSR.

12 Personal Author(s):

13a Type of Report: Data Summary

13b Time Covered: Dec 58-Aug 87.

14 Date of Report: Jan 88

15 Page Count: 312

17 COSATI Codes: Field--04, Group--02

18 Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Leningrad USSR; USSR; RS260630.

19 Abstract: A statistical data summary of surface weather observation climatology: Leningrad USSR. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

20 Distribution/Availability of Abstract: Same as report.

21 Abstract Security Classification: UNCLASSIFIED.

22a Name of Responsible Individual: Marianne L. Cavanaugh

22b Telephone: (618)256-2625.

22c Office Symbol: USAFETAC/LDD.

DD FORM 1473 UNCLASSIFIED

QUALITY
INSPECTED
A

A-1

STATION NAME: Leningrad USSR

CALL ID: NONE

SIMPLIFIED HOUSE: SYNOPTIC 3-HOURLY

FIELD OF RESEARCH

HOURLY OBSERVATIONS: OCT 77 - SEP 87

SUMMARY OF DAY DATA (TEMPERATURES ONLY): DEC 58 - SEP 67
SUMMARY OF DAY DATA (PART TIME): NONE

TIME CONVERSION LST TO GMT: -7

DATE PRODUCED: 27 DEC 87

ALL USERS OF THIS LINKS MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS, PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

DL-7/USAFETAC/MAC/AMS
ASHEVILLE NC 24401

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--FILES

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORM 12/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE SUMMARY IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE DLAFETAC/IN-43-001, "MAN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (PUB 5001).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART D: CLOUDING, VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWMO NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX 01 THROUGH 09. IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A SUFFIX NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DLAFETAC/IN-43-001 NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 10,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	WALL SIGN	WMO NUMBER
260630	LENINGRAD USSR	N 59 58	E 030 18	13 FT	N/A	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO	
1.	LENINGRAD USSR	EGN	OCT 77	SEP 87	N 59 58	E 030 18	13 FT	N/A	0

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS: ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
		N/A	N/A	N/A	N/A	

PPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PF
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AA AAAAAA
AA AAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

AAAAA
AAAAAA
AA AA
AA AA
AA AA
AA AA
AA AA
AA AA
AA AA
AA AA
AA AA

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (211 YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOW INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WITH THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG, THUNDER DUST/SAND) AND BLOWING SNOW. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF "1" INDICATES LESS THAN .005 OCCURRENCE WHICH IS EXACTLY ONLY ONE OCCURRENCE.

2. METAR STATIONS BEGINNING IN JAN 1949 AND SYNOPTIC REPORTING STATIONS BEGINNING ON THE 1ST FORM 107, 10A AND 10M, TRANSMIT LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS REPORTED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE 10A FORMS, 10M, BUT ONLY THE RAIN AND TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGE IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02		3.0	.3	39.1		41.5	16.4	1.0	.7		18.1	299
03-05		2.7	.3	36.5		38.5	16.9	1.0	1.3		18.9	301
06-08		2.3		31.5		33.9	16.1	1.3	.7	.3	18.5	298
09-11		3.3	.7	32.5		35.8	18.2	1.1	.4		19.7	274
12-14		2.6	.7	40.3		42.6	18.7	1.3	.3		20.3	305
15-17		3.0		32.5		35.1	19.3	2.6	1.0		23.0	301
18-20		1.6		29.8		31.1	21.0	2.3	1.0		24.3	305
21-23		.3	2.7	33.6		35.9	16.9	1.0	.3		18.3	301
TOTALS		.0	2.7	.3	34.5	36.8	17.9	1.5	.7	.0	20.1	2346

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02		.7	.4	25.0		26.1	25.0				25.0	276
03-05			.4	28.6		29.0	25.0				25.0	276
06-08		1.1		29.3		29.7	26.0				26.0	273
09-11		.4		29.8		30.2	27.0	1.2			28.2	252
12-14		1.1		33.6		33.9	27.2	2.1	.7		26.1	290
15-17		1.1		21.7		22.0	23.1	4.7	.4	.4	28.5	277
18-20		.7		18.2		19.0	22.3	3.3	.7		26.3	274
21-23		1.1		25.8		26.5	23.6				23.6	275
TOTALS		.8	.1	26.5		27.1	24.4	1.4	.2	.1	26.1	2193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7P-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		5.3		14.1		19.1	17.8	.3			18.1	304
03-05		2.9		15.6		18.6	20.5	.3			20.8	307
06-08		3.3		17.6		20.9	21.9				21.9	306
09-11		3.8	.3	19.5	.3	23.7	22.6	.7			23.3	287
12-14		4.6		13.4		18.0	20.0	1.6			21.6	305
15-17		2.6	.3	15.4		18.0	10.8	1.6			12.5	306
18-20		3.3	.7	14.5		18.2	8.3	.7			8.7	303
21-23		4.6		9.2		13.8	12.8				12.8	304
TOTALS		3.8	.2	14.9	.0	18.8	16.8	.7			17.5	2421

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7P-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		7.2		4.1		11.0	15.1	.3			15.4	292
03-05	.3	8.5		5.1		13.2	18.3				18.3	295
06-08		6.6		5.2		11.5	23.3				23.3	288
09-11		6.6		7.3		13.1	17.0	2.4			19.4	289
12-14		6.7		5.4		10.8	10.4	2.4			12.8	297
15-17		5.4		5.4		10.1	5.0	1.3			6.4	298
18-20		5.5		5.9		10.7	4.5	2.4			6.9	289
21-23		8.7		3.7		12.4	9.1	.7			9.7	298
TOTALS	.0	6.9		5.3		11.6	12.8	1.2			14.0	2346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-P7
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HAIL	% ORS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% ORS W/LEST TO VISION	TOTAL ORS
00-02		6.6		.3		7.0	8.6				8.6	7.1
03-05	.3	8.3		.3		8.3	13.5				13.5	13.7
06-08		9.6		.7		9.9	13.2				13.2	20.4
09-11		9.1		.6		9.7	9.7	1.0			10.7	30.8
12-14		10.5		.7		11.1	3.3	1.3			4.6	15.5
15-17		6.9		.7	.3	7.9	5.0	1.0			5.9	11.3
18-20	.3	9.2		.3		9.2	1.3	.3			1.7	10.3
21-23	1.0	7.8		.3		8.2	5.2				5.2	13.6
TOTALS	.2	8.5		.5	.0	8.9	7.5	.5			7.9	70.1

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-P7
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OP DRIZZLE	FRZING RAIN E/OP DRIZZLE	SNOW E/OP SLEET	HAIL	% ORS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% ORS W/LEST TO VISION	TOTAL ORS
00-02	1.4	8.1		.3		8.4	10.5	.3			10.8	29.6
03-05	.3	6.4				6.4	15.5				15.5	29.7
06-08		9.2			.3	9.5	11.9				11.9	29.4
09-11		7.8				7.8	6.5	.3			6.8	29.4
12-14	.3	9.8				9.8	2.7				2.7	29.5
15-17	2.0	10.8				10.8	1.7				1.7	29.5
18-20	1.0	10.2				10.2	1.0				1.0	29.4
21-23	.7	8.6				8.6	3.4				3.4	29.2
TOTALS	.7	8.9		.0	.0	8.9	6.7	.1			6.7	235.7

GEOGRAPHICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240617 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 74-57
MONTH: JUL

HOURS (UST)	TSIMS	RAIN E/OF DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	BLOWING SNOW	DUST E/OF SAND	% OBS W/ERSI TO VISION	TOTAL % OF
00-02	1.3	6.8				6.8	11.0				11.0	17.3
03-05	1.3	6.4				6.4	22.1	1.3			22.1	28.8
06-08		7.4				7.4	23.4	1.3			23.4	30.1
09-11	1.7	10.7				10.7	10.4	1.3			12.7	22.8
12-14	1.7	10.4				10.4	3.6				3.6	14.0
15-17	1.9	10.4				10.4	1.6				1.6	12.0
18-20	1.0	9.5				9.5	1.6				1.6	11.1
21-23	1.3	6.8				6.8	3.9				3.9	10.7
TOTALS	1.8	8.8				8.8	9.7	1.1			9.8	19.6

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 74-57
MONTH: AUG

HOURS (UST)	TSIMS	RAIN E/OF DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	BLOWING SNOW	DUST E/OF SAND	% OBS W/ERSI TO VISION	TOTAL % OF
00-02	1.3	8.3				8.3	17.6				17.6	25.9
03-05	1.0	10.2				10.2	21.1				21.1	31.3
06-08	1.3	10.9				10.9	24.3				24.3	35.2
09-11	1.3	13.7				13.7	16.0				16.0	30.7
12-14	1.0	10.7				10.7	7.3	1.3			7.3	19.0
15-17	1.3	10.4				10.4	2.9				2.9	13.3
18-20	1.7	13.3				13.3	2.1				2.1	15.4
21-23	1.0	8.9				8.9	9.7	1.3			9.7	19.9
TOTALS	1.6	10.9				10.9	12.6	1.1			12.7	24.6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		13.7		.3		14.0	21.4				21.4	299
03-05		12.5		.3		12.8	27.7				27.7	296
06-08	.4	12.6				12.6	27.8				27.8	277
09-11		15.3		.3		15.6	22.4				22.4	295
12-14		14.3				14.3	10.5	.3			10.8	297
15-17	.3	15.1			.3	15.4	7.4				7.4	296
18-20	.3	16.4			.3	16.8	5.8		.3		6.2	292
21-23	.3	17.2				17.2	11.8				11.8	297
TOTALS	.2	14.6		.1	.1	14.8	16.9	.0	.0		16.9	2341

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		17.2		2.0		19.1	15.5				15.5	303
03-05		15.3		2.6		17.9	17.9				17.9	307
06-08		12.7	.3	2.0		14.7	22.4				22.4	299
09-11		18.3		2.6		20.6	20.6				20.6	306
12-14		18.2		3.0		20.5	16.9				16.9	302
15-17		14.1		3.6		16.7	14.7	.7			15.4	306
18-20		17.3		2.0		19.0	11.3	.7		.3	12.3	300
21-23		15.5		2.3		17.5	17.2				17.2	303
TOTALS		16.1	.0	2.5		18.3	17.1	.2		.0	17.3	2426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OF DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	BLOWING SNOW	DUST E/OF SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02		14.7		20.8		13.1	12.6				12.6	293
03-05		10.3	.3	18.2		26.7	15.1				15.1	292
06-08		13.3	.3	19.8		10.4	15.4				15.4	293
09-11		12.4		15.8		26.5	17.5			.3	17.8	291
12-14		13.2		16.6		28.4	18.2	1.7			19.3	296
15-17		14.2		15.3		29.2	16.6	.7			17.3	295
18-20		13.1		19.2		31.6	14.8	.3			15.1	291
21-23		14.6		19.3		32.9	13.2		.3		13.6	295
TOTALS		13.2	.1	18.1		29.9	15.4	.3	.0	.0	15.8	2346

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OF DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	BLOWING SNOW	DUST E/OF SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02		7.5	.3	34.0		40.2	19.0				19.0	306
03-05		6.2		32.2		37.5	16.6		.7		17.3	307
06-08		.3	5.0	31.9	.3	36.2	20.1		.3		20.5	298
09-11		.4	7.4	31.9		37.9	16.8		.4		17.2	285
12-14		4.9	.3	31.9		36.8	22.0	.3			22.4	304
15-17		6.5	.3	29.4		35.3	18.7	.3			18.6	306
18-20		6.9	.3	28.5		35.1	21.6				21.6	305
21-23		5.2		32.9		36.8	22.1				22.1	307
TOTALS		.1	6.2	31.6	.0	37.0	19.6	.1	.2		19.8	2418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
JAN ALL	.0	2.7	.3	34.5		36.8	17.9	1.5	.7	.0	20.1	2388
FEB		.8	.1	26.5		27.1	24.4	1.4	.2	.1	26.1	2183
MAR		3.8	.2	14.9	.0	18.8	16.6	.7			17.5	2421
APR	.0	6.9		5.3		11.6	12.8	1.2			14.0	2346
MAY	.2	8.5		.5	.0	8.9	7.5	.5			7.9	2431
JUN	.7	8.9		.0	.0	8.9	6.7	.1			6.7	2357
JUL	.8	8.8				8.8	9.7	.1			9.8	2451
AUG	.6	10.9				10.9	12.6	.1			12.7	2426
SEP	.2	14.6		.1	.1	14.8	16.9	.0	.0		16.9	2341
OCT		16.1	.0	2.5		18.3	17.1	.2		.0	17.3	2426
NOV		13.2	.1	18.1		29.9	15.4	.3	.0	.0	15.8	2346
DEC	.1	6.2	.2	31.6	.0	37.0	19.6	.1	.2		19.8	2418
TOTALS	.2	8.5	.1	11.2	.0	19.3	14.8	.5	.1	.0	15.4	28534

PPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRRR
RRRRRRRR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
II
II
II
II
II
II
II
II

RRRR RR
RRRR RR
RR RR
RR RR
RRRR RR
RRRR RR
RR RR
RR RR
RR RR
RRRR RR
RRRR RR

SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

00000000	AAAAAA	01000000	TTTTTTTT	00000000
00000000	AAAAAA	00000000	TTTTTTTT	00000000
00 00	AA AA	00 00	TT	00 00
00 00	AA AA	00 00	TT	00 00
00000000	AA AA	00000000	TT	00 00
00000000	AAAAAA	00000000	TT	00 00
00	AAAAAA	00 00	TT	00 00
00	AA AA	00 00	TT	00 00
00	AA AA	00 00	TT	00 00
00	AA AA	00 00	TT	00 00
00	AA AA	00 00	TT	00 00

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WIND

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE BIVARIATE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS AND WAVELENGTH VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF 10 KNOT CLASSIFICATIONS.

PERCENTAGES ARE GIVEN BY BOTH DIRECTION AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN KNOTS FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 4-FOOT TIME GROUPS BY MONTH, MONTHLY, AND ANNUAL (ALL YEAR) PERIODS.

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPROVED UNIFORMITY. LIMITATIONS: WHEN WAVELENGTHS EQUAL TO OR GREATER THAN 120 METERS, THE CEILING IS 10 METERS AND WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE WAVELENGTHS ARE 120 METERS OR 120 METERS.

A PERCENTAGE VALUE OF "000" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES ARE WITHIN 0.001 PERCENT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(EST): 0000-0200

DIRECTION (of GREESE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.0	.3	.3							2.3	6.0
NNE	1.0	3.3	1.0	.3							5.7	5.6
NE	1.7	2.3	.7								4.7	4.8
ENE	.3	1.7	.3	.7							3.0	6.7
E	2.0	5.0	2.0	1.3							10.4	6.1
ESE	.3	3.3	2.0	1.0							6.7	7.7
SE		2.3	1.0	.3							3.7	6.7
SSE		1.7	2.3	.3	.7						4.7	9.1
S		3.7	4.0	2.0	.7						10.4	9.4
SSW	.3	2.0	1.3	2.0	1.3						7.0	10.3
SW	.3	1.7	1.7	2.0	.3						6.0	9.6
WSW	1.0	2.7	2.7	.7	.3						7.4	7.0
W	1.3	3.3	3.0	2.3	.3						10.4	8.0
WNW	1.0	2.3	.7	.3	.7						5.0	7.5
NW	1.0	1.3	1.7	.3							4.3	6.2
NNW	.3	.7									1.0	4.0
VARIABLE												
CALM	////////////////////////////////////										7.7	////
TOTALS	11.0	39.1	24.7	14.0	4.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	.7	.7									3.0	4.4
NNE	.7	2.3	1.0									3.7	5.8
NE	.7	2.0	1.0									3.7	5.6
NNE	1.3	3.0		1.0								5.3	6.4
E	.7	3.7	2.0	.7								7.0	6.2
ESE	.3	2.7	1.3	1.7								6.0	7.9
SE	.7	2.0	1.3									4.0	6.0
SSE	.3	2.3	3.0		.3							6.0	7.4
S		6.0	1.7	2.0	1.0	.7						11.3	9.4
SSW		2.0	3.7	1.7								7.3	8.6
SW	.7	2.0	1.0	2.7	.3							6.7	8.9
WSW	1.0	3.3	1.7	1.3								7.3	6.7
W	2.0	4.7	3.7	1.3	.7							12.3	7.2
WNW	.3	2.0	.7	.7	.3							4.0	7.6
NW	.3	1.3	.3	1.7								3.7	9.3
NNW		1.3	.7									2.0	5.3
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	10.3	41.3	23.7	14.7	2.7	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7A-F7
MONTH: JAN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.7	.3									2.0	4.3
NNE	.3	2.0	1.0									3.4	5.4
NE	.3	3.7	.7		.3							5.0	5.7
ENE	.3	2.0	1.0									3.4	5.6
E	1.0	2.7	1.3	1.0								6.0	6.3
ESE	1.7	3.0	1.0	1.3								7.0	6.7
SE	.3	1.0	2.0	.3								3.7	7.3
SSE		4.4	1.7	.7	.3							7.0	7.1
S	1.0	4.0	3.7	3.0	.3	.3						12.4	9.1
SSW		2.3	2.0	.7	1.0							6.0	9.6
SW	.3	2.0	1.3	2.3	.3							6.4	9.1
WSW	1.3	3.0	2.0	.7	.3							7.4	6.7
W	1.7	6.0	2.3	2.3	.7							13.1	7.5
WNW	1.7	1.0	2.0	.7								5.4	6.4
NW	.3	1.0	1.0	1.3	.3							4.0	9.3
NNW	.3	1.0										1.3	4.7
VARIABLE													
CALM	////////////////////////////////////											6.4	////
TOTALS	11.7	39.9	23.5	14.4	3.7	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS/EST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.5	.4	.4							3.3	5.1
NNE	1.1	1.5	1.8								4.4	5.7
NE		1.8		.4							2.2	6.7
ENE	.7	3.3	.7	.4							5.1	5.4
E		3.3	1.5	1.5							6.2	7.5
ESE	.4	4.4	.7	1.8							7.4	7.7
SE		2.6									2.6	4.6
SSE	.4	3.3	5.5	.7	.7						10.7	8.4
S		2.6	3.3	1.1	.7						7.7	8.8
SSW	.4	1.8	2.6	.7	.7						6.2	8.8
SW		1.8	2.2	1.5	.7						6.2	5.9
WSW	1.1	3.3	2.2	2.9	.4						9.9	8.6
W	3.3	3.7	1.8	1.8	.4						11.0	6.6
WNW	1.5	2.6	2.6								6.6	5.8
NW	.7	.7	.4	1.1							2.9	8.0
NNW	.4	1.1									1.5	4.0
VARIABLE												
CALM	////////////////////										5.9	////
TOTALS	11.0	39.3	25.7	14.3	3.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GF 56	
N	.7	1.0		.3							2.0	1.7
NNE	.7	3.6	2.0								6.3	5.9
NE		1.7	.7								2.4	6.3
ENE	1.3	3.0	.7								5.0	4.4
E	1.3	3.0	3.0	.3	.3						7.9	6.8
ESE	.3	3.0	1.3	1.7		.3					6.6	8.7
SE		2.6	2.3	.3							5.3	7.6
SSE		2.3	2.3	.3		.3					5.3	8.4
S		2.0	6.3	1.7	.7						10.6	9.8
SSW	.3	2.3	3.3	2.3	.7						8.9	9.2
SW	.7	4.0	1.3	2.3	.3						8.6	7.6
WSW	1.7	2.0	1.3	1.3	.7						7.0	8.0
W	1.3	2.3	3.3	1.3	.3	.3					8.9	8.4
WNW	1.0	2.0	1.0	.7							4.6	7.1
NW	.3	1.3	1.0	1.3							4.0	8.8
NNW	.3	1.0	.7								2.0	6.0
VARIABLE												
CALM	////////////////////										4.6	////
TOTALS	9.9	37.1	30.5	13.9	3.0	1.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 250630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-87
MONTH: JAN HOURS/DATE: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.3	1.3								2.0	7.0
NNE	.7	2.3	1.0								4.0	6.3
NE	.3	2.3	1.0		.3						4.0	6.9
NNE	.7	3.0	1.0	.3							5.0	6.9
E	.3	4.0	1.3	.3	.3						6.3	6.7
ESE	1.0	2.0	2.0	.3							5.3	6.5
SE		2.0	2.3	.3							4.6	7.4
SSE	.3	4.6	4.3	.7		.3					10.3	7.6
S		2.3	5.3	1.3	.7						9.6	9.5
SSW	.7	1.7	3.3	1.7	1.0						8.3	.6
SW	1.3	2.6	3.0	1.0	.3						8.3	7.2
WSW	1.3	1.7	2.0	3.0	.3						8.3	9.0
W	1.3	2.6	3.3	1.3		.3					8.9	7.5
WNW	1.7	1.7	1.3	.7		.3					5.6	7.5
NW		1.7	2.3	1.3							5.3	6.8
NNW			.7	.3							1.0	9.3
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	9.9	34.8	35.4	12.6	3.0	1.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 102

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260637 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7	.7	.3							1.7	7.6
NNE	1.3	2.6	1.7								5.6	5.4
NF		2.0	.3	.3							2.6	5.9
FNE	1.0	1.7	1.0	.7							4.7	6.1
E	2.6	3.0	2.0	.7							9.3	6.5
ESE	.3	4.3	2.0	.3							7.0	6.2
SE		2.6	2.0	.3	.7						5.6	6.5
SSE	.3	3.0	3.0	1.0							7.3	7.5
S	.7	2.6	3.0	2.0	.7						8.9	6.4
SSW	.7	1.7	3.0	1.3	1.3						7.9	6.9
SW	1.3	2.3	2.0	1.7							7.3	7.4
WSW	1.3	2.6	2.0	2.3							8.3	6.2
W	2.0	5.0	2.0	2.3	.3						11.6	7.1
WNW	1.7	1.7	1.0	.3							4.6	5.4
NW	.3	2.0	1.3	1.0							4.6	7.4
NNW	.7	.7									1.3	5.5
VARIABLE												
CALM	////////////////////////////////////										3.0	////
TOTALS	14.2	39.4	26.8	14.6	3.0						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS: 1100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0			.3							1.3	4.5
NNE	.3	3.0	1.7	.3							5.4	5.4
NE	.7	2.3		.7							3.7	6.2
ENE	.3	2.3	.3	.3							3.2	5.2
E	.7	4.3	2.0	1.0		.3					8.4	7.0
ESE	.3	4.7	1.0	1.3							7.4	7.0
SE		2.0	1.3	1.3							4.7	6.9
SSE	.3	2.7	2.3	.3							5.7	7.3
S	.7	3.0	3.7	2.7	1.3						11.0	9.5
SSW	.3	1.0	1.3	2.7	.7						6.0	10.8
SW	.7	1.7	1.3	1.3							5.0	7.9
WSW	2.7	2.0	2.3	1.7	.3						9.0	7.2
W	1.3	4.3	3.7	1.7	1.0						12.0	8.0
WNW	.3	2.3	1.7	1.0							5.4	7.5
NW	.7	1.3	1.3	.7							3.7	7.5
NNW	.7	1.0	.3								1.7	4.8
VARIABLE												
CALM	////////////////////										6.4	////
TOTALS	10.0	38.1	24.4	17.4	3.3	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-R7
MONTH: JAN HOURS/1ST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	.7	.5	.2							2.2	5.5
NNE	.7	2.6	1.4	.1							4.8	5.6
NE	.4	2.3	.5	.2	.1						3.5	6.5
ENE	.8	2.5	.6	.4							4.3	6.5
E	1.1	3.6	1.9	.8	.1	.0					7.6	6.5
ESE	.6	3.4	1.4	1.2		.0					6.7	7.1
SE	.1	2.1	1.6	.4	.1						4.3	7.4
SSE	.2	3.0	3.0	.5	.3	.1					7.1	7.8
S	.3	3.3	3.9	2.0	.8	.1					10.7	8.7
SSW	.1	1.9	2.6	1.6	.8						7.2	9.6
SW	.7	2.3	1.7	1.9	.3						6.8	8.4
WSW	1.4	2.6	2.0	1.7	.3						6.0	7.7
W	1.8	4.0	2.9	1.8	.5	.1					11.0	7.5
WNW	1.1	1.9	1.3	.5	.1	.0					5.1	6.8
NW	.4	1.3	1.2	1.1	.0						4.1	8.1
NNW	.3	.8	.3	.0							1.5	5.1
VARIABLE												
CALM	////////////////////										5.5	////
TOTALS	11.0	38.4	26.9	14.5	3.3	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 2374

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	1.4		.4							4.3	4.7
NNE	1.1	2.9	.4								4.3	4.8
NE	.7	1.8	1.8								4.3	6.7
ENE	1.1	1.8									2.9	3.5
E	1.8	2.2	2.5	.4							6.9	6.0
ESE	1.4	3.3	.7	1.4							6.9	6.3
SE		1.4	.7								2.2	6.0
SSE		4.0	2.5	.7							7.2	7.2
S	.4	2.5	2.5	2.2							7.6	8.8
SSW	.7	3.6	1.4								5.9	5.8
SW	.7	2.9	1.4	.7							5.8	6.5
WSW	1.1	3.3	3.3	1.4							9.1	7.4
W	3.6	6.2	4.7	1.1	.7						16.3	6.5
WNW	1.1	1.4	.4	1.1		.4					4.3	8.8
NW		1.8		.7							2.5	7.1
NNW	.7	1.1	.4								2.2	4.7
VARIABLE												
CALM	////////////////////////////////////										7.2	////
TOTALS	17.0	41.7	22.8	10.1	.7	.4					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7R-87
MONTH: FEB HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.8	1.1								3.6	5.2
NNE	.7	2.5	.7								4.0	5.3
NE	1.5	2.9	.7								5.1	4.9
ENE	.4	1.8									2.2	4.7
E	.7	3.6	2.9	.7							8.0	6.7
ESE	.4	2.5	1.1	.7							4.7	7.1
SE	.4	1.1	.4								1.9	5.2
SSE	1.1	2.9	1.5	1.5							6.9	7.7
S	.4	3.6	1.1	2.5							7.6	8.1
SSW	.4	2.9	1.1								4.4	5.5
SW	.7	2.5	2.2	1.1	.4						6.9	7.7
WSW	.7	2.9	1.1	.7							5.5	6.7
W	3.6	5.5	4.7	1.5	.4						15.6	6.4
WNW	1.5	2.9		1.1	.4						5.8	6.6
NW	.7	2.9	1.1	.4							5.1	5.9
NNW	.4	.7	.7								1.8	5.6
VARIABLE												
CALM	////////////////////										10.9	////
TOTALS	14.2	43.3	20.4	10.2	1.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS: 11:00-12:00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N	.4	1.1	.7								2.2	5.0
NNE	.7	3.7	.7	.7							5.9	5.9
NE	1.1	1.5	1.5	.4							4.4	6.3
ENE		1.8	.7								2.4	6.1
E	.7	2.6	1.8								5.1	6.9
ESE	1.1	3.7	1.1	1.1							7.0	6.2
SE	.7	.4	1.1								2.2	5.7
SSE	.7	3.3	1.5	.7							6.2	6.4
S	.7	2.6	2.6	1.5	.4	.4					8.1	9.2
SSW	1.1	2.9	1.1	1.1							6.2	6.2
SW	.7	3.3	1.8	1.5							7.4	7.6
WSW	1.5	2.6	1.1	1.1							6.2	6.6
W	2.2	4.4	3.7	2.2							12.5	6.9
WNW	.4	2.9	1.5	1.5		.4					6.6	8.4
NW		.4	1.5	.4							2.2	6.7
NNW	.7	1.8	.4								2.9	4.8
VARIABLE												
CALM	////////////////////										12.1	////
TOTALS	12.9	39.0	22.8	12.1	.4	.7					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	.8	.4								2.0	4.4
NNE	.4	2.4	.4								3.2	4.0
NE	1.2	2.4	1.2	.4							5.2	6.0
NNE	.8	1.2	.8								2.8	5.1
E	.8	3.2	1.2								5.2	4.9
ESE	.4	4.0		.4							4.8	5.3
SE	1.2	1.2	.8								3.2	4.4
SE	1.2	4.4	2.4	1.2	.4						9.6	7.2
S		3.2	3.2	.8							7.2	7.4
SSW	.4	2.4	1.6	1.2							5.6	7.7
SW	.4	3.6	2.0	1.2	.8						9.0	8.0
WSW	2.0	2.8	3.6	.8							9.2	6.4
W	2.4	6.8	2.8	1.6	.4						13.9	6.4
WNW	3.2	3.2	.8	1.2	.4						9.8	6.8
NW		.4	1.6	1.2							3.2	9.8
NNW	.8	1.2	.4								2.4	4.7
VARIABLE												
CALM	////////////////////////////////////										6.0	////
TOTALS	15.9	43.0	23.1	10.0	2.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURLY PERIOD: 1400-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N		.4	.7	.4							1.4	6.7
NNE	.7	2.1	.7	.7							4.2	6.2
NE	.4	2.9	1.1	.7							5.1	6.4
ENE		2.1	.4								2.5	5.1
E	.7	3.9	1.4	.4							6.4	5.9
ESE	.4	4.6	1.4	.7							7.1	6.2
SE	1.1	1.1	1.8								3.9	6.2
SSE		2.9	1.8	.7							5.4	7.2
S		4.7	2.9	1.4	.4						8.9	6.7
SSW	1.1	3.2	1.8	.7							6.8	6.6
SW	.7	3.2	1.8	1.4							7.1	6.5
WSW	1.8	5.4	1.4	1.4							10.0	5.9
W	2.5	5.0	2.5	1.8	.4						13.1	6.8
WNW	2.1	2.1	1.8	1.8	.4						8.1	7.1
NW		1.4	2.1	1.4							5.1	5.1
NNW	.4	.7	.7								1.8	6.4
VARIABLE												
CALM	////////////////////										7.2	////
TOTALS	11.4	45.4	24.3	13.6	1.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 74-97
MONTH: FEB HOURS (LST): 1700-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.1	1.8									3.3	6.4
NNE		4.0	2.2									6.2	6.0
NE		.5	.7	.4								1.6	6.4
ENE	1.1	1.8	.4	.4								3.6	4.8
E	.7	3.3	1.8	.4								6.2	6.4
ESE	.7	3.3	2.2	.7								6.9	6.6
SE	.7	1.1	1.1	.4								3.3	6.1
ESSE	.4	2.5	2.5	.4								5.8	7.0
S		2.2	4.3	1.4								7.9	8.8
SSW	1.8	2.9	1.4	.4	.4							6.9	7.5
SW	.4	2.5	1.4	.7								5.1	7.4
WSW	1.1	5.4	2.9	1.8	.4							11.6	7.5
W	1.1	4.0	3.3	.4								12.8	8.4
WNW	1.4	1.8	1.4	1.1								5.8	8.8
NW	.7	1.1	1.4	1.4								4.7	8.3
NNW	1.1	1.8	.4	.4								3.6	6.4
VARIALE													
CALM	////////////////////////////////////											7.3	////
TOTAL	11.7	41.7	29.7	17.8	.4	.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.2	1.8								4.4	5.8
NNE	.4	4.7	1.8								6.9	5.8
NE	.4	4.0	1.1	1.1							6.6	6.4
ENE	.4	2.6	1.5								4.4	5.8
E	.4	2.9	2.2	.7							6.2	6.6
ESE	.7	2.6	2.2	.7							5.2	7.1
SE		1.5	1.1	.7							3.3	7.6
SSE		1.5	2.2	1.5							5.1	8.7
S		4.0	3.3	.4							7.7	7.2
SSW	.4	2.6	1.1	.4	.4						4.7	7.2
SW	1.1	2.9	2.9	.4							7.3	6.4
WSW	.7	1.5	3.3	.7	.4						6.6	9.3
W	4.0	3.6	2.2	2.6	.7						13.1	7.1
WNW	1.1	2.2	1.1	.7	.4						5.5	6.9
NW	.4	1.5	1.5	1.5							4.7	8.3
NNW	.7	.7	.7								2.7	7.0
VARIABLE												
CALM	////////////////////										5.1	////
TOTALS	10.9	40.9	29.9	11.3	1.8						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.6	.7								4.4	5.0
NNE	.4	3.3	1.5								5.1	5.7
NE	1.1	2.6	2.2								5.9	5.9
ENE	.4	2.6	.7	.4							4.0	6.2
E	1.8	3.3	.7	.7							6.6	5.6
ESE		4.0	1.1	.7							5.8	6.5
SE		1.5	.7	.4							2.6	7.4
SSE	.4	4.0	4.7	1.1							10.2	7.4
S		4.4	1.5	.4	.4						6.6	7.1
SSW	.7	1.1	1.8	1.1							4.7	7.8
SW	1.1	3.6	1.8	1.1							7.7	6.4
WSW	2.2	2.9	2.6	.7	.4						8.8	6.5
W	2.2	4.4	2.6	2.6							11.7	7.1
WNW	1.5	1.1	2.2	.7		.4					5.8	7.8
NW	.4	1.1	.7	1.1							3.3	8.4
NNW		1.1									1.1	5.3
VARIABLE												
CALM	////////////////////////////////////										5.8	////
TOTALS	13.1	43.4	25.5	10.9	.7	.4					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS: 1511: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	1.4	.9	.1							3.2	5.3
NNE	.6	3.2	1.1	.2							5.0	5.6
NE	.8	2.6	1.3	.4							5.0	6.1
ENE	.5	2.0	.6	.1							3.1	4.3
E	1.0	3.1	1.8	.4							6.3	6.0
ESE	.6	3.5	1.2	.8							6.2	6.4
SE	.5	1.1	1.0	.2							2.8	4.2
SSE	.5	3.2	2.4	1.0	.2						7.0	7.2
S	.2	3.4	2.7	1.3	.1	.0					7.7	8.2
SSW	.8	2.7	1.4	.6	.1						5.6	6.6
SW	.7	3.1	1.9	1.0	.1						6.2	7.1
WSW	1.4	3.4	2.4	1.1	.1	.0					8.4	6.9
W	2.7	5.0	3.3	2.2	.3						13.5	6.9
WNW	1.5	2.2	1.1	1.1	.2	.1					6.3	7.2
NW	.3	1.3	1.2	1.0							3.9	6.1
NNW	.6	1.1	.5	.0							2.2	5.2
VARIABLE												
CALM	////////////////////////////////////										6.8	////
TOTALS	13.4	42.2	24.8	11.5	1.0	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 2178

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.7	.7									2.3	4.6
NNE		1.0		.3								1.3	7.0
NE	1.0	.3	1.0	.3								2.6	6.8
ENE	.7	1.6	1.0									3.3	5.2
E	2.3	3.6	1.3	.3								7.6	5.1
ESE	2.0	3.3	2.3	.3								7.9	5.9
SE	1.3	2.0	3.0									6.2	6.1
SSE	1.0	4.3	3.3	.7								9.2	6.4
S	.3	6.2	3.6	2.0	.3							17.5	7.2
SSW	1.6	4.3	3.0	1.3								10.2	6.5
SW	.3	3.6	.3	1.0								5.3	6.8
WSW	3.0	2.0	1.3	1.3								7.6	6.1
W	2.6	4.7	1.6	1.0	.3							9.9	6.1
WNW	.3	1.3										1.6	4.4
NW	.7	.3	.7	.3								2.0	7.4
NNW	.7	.7		.7								1.6	5.6
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	18.7	39.6	23.0	9.2	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7	.3								1.6	4.0
NNE	.7	2.0	.7								3.3	5.0
NE		.3	.3	.7							1.3	9.5
NNE	1.0	1.3	.3								2.6	4.5
E	1.3	3.9	2.0	.7							7.8	6.0
ESE	2.0	4.2	2.0	.3							8.5	5.5
SE	1.6	2.9	2.9								7.5	5.7
SSE		5.2	2.3	.3							7.8	6.5
S	2.0	6.9	2.6	2.6							14.1	6.8
SSW	.3	3.3	1.3	1.0	.7						6.5	8.1
SW	1.6	3.3	1.6	1.0							7.5	6.0
WSW	1.6	2.6	1.0	1.0	.7						6.9	7.1
W	2.0	3.9	2.0	1.0							8.8	5.9
WNW	1.0	1.6	.3								2.9	3.8
NW		.7	1.0	.3	.3						2.3	9.9
NNW	.7		.3								1.0	4.0
VARIABLE												
CALM	////////////////////										9.5	////
TOTALS	16.3	42.8	20.9	8.8	1.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.7	.3	.3								1.3	4.5
NNE	.3	1.3	1.3								2.9	6.4
NE	.7	1.6	.3	.3							3.0	6.1
NNE	1.3	.3	.7	.3							2.6	6.0
E	1.0	3.3	2.0	.3							6.6	4.9
ESE	1.3	4.6	1.6	1.0							8.6	5.9
SE	1.6	3.3	3.3	.3							8.6	6.2
SSE	1.0	4.6	1.3	.3							7.2	5.6
S	.7	5.9	4.3	2.0							12.9	7.7
SSW	1.3	1.6	2.3	1.3	.7						7.2	6.4
SW	.7	2.3	2.3	.3							5.6	6.9
WSW	2.0	1.3	1.6	1.3							6.2	7.4
W	1.6	4.6	1.6	1.3							9.2	6.1
WNW	2.0	2.6	1.0								5.6	4.6
NW		.7	.3	.3							1.3	4.3
NNW		.7									.7	4.0
VARIABLE												
CALM	////////////////////										8.9	////
TOTALS	18.1	38.8	24.3	9.2	.7						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260637 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LIST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.7	.7								1.7	5.2
NNE	.3	.7	.7								1.7	5.6
NE	1.0	1.7	1.7	.3							4.7	6.1
ENE	.3	.3	1.4								2.1	7.7
E	3.1	4.2	.3								7.7	7.9
ESE	1.0	4.5	2.4	.3							8.4	6.0
SE	.3	5.2	1.7	1.0							8.4	6.8
SSE	1.0	4.5	4.5	1.4							11.5	7.0
S	.3	3.1	2.8	1.0							7.3	7.4
SSW	1.0	2.1	3.8	1.0	.3						8.4	6.0
SW	1.4	2.4	2.1	1.0							7.0	7.1
WSW	2.1	2.8	2.1	1.7							8.7	6.6
W	3.1	3.5	2.1								8.7	4.7
WNW	1.0	3.1	.7	.3							5.2	5.5
NW	.7	.3	1.0	.3							2.1	7.3
NNW	.7	.7									1.7	4.0
VARIABLE												
CALM	////////////////////										5.2	////
TOTALS	17.4	40.1	28.2	8.7	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.3	.7								1.0	7.3
NNE		1.6	.7								2.3	5.1
NE		1.6	1.3	1.0							3.9	6.0
ENE	.7	2.0	.7								3.4	5.5
E	.7	4.6	1.0	.3							6.6	5.6
ESE		2.3	2.6								4.9	7.1
SE	.3	3.9	1.6	1.0	.3						7.1	7.6
SSE	1.0	5.3	3.6	1.0							10.9	6.7
S	.3	4.3	5.9	1.6	.7						12.8	6.6
SSW	1.3	3.0	3.0	2.6							9.9	7.4
SW	1.3	3.3	1.3	2.0							7.9	7.1
WSW	1.6	4.6	2.3	1.0							9.5	6.0
W	2.0	3.9	1.3	1.3							8.5	6.2
WNW	.3	1.6	1.3		.7						3.9	6.7
NW	.3	2.3	1.6								4.2	6.2
NNW		.7	1.0								1.7	7.0
VARIABLE												
CALM	////////////////////										1.3	////
TOTALS	9.9	45.4	29.9	11.8	1.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.7	1.6									2.6	6.5
NNE		2.0		1.0								3.0	7.6
NE		2.3	1.6	.7								4.6	7.0
NNE		2.6		.3								3.0	6.8
E	.7	3.0	2.0	.7								6.2	6.3
ESE		5.3	3.0	.7								9.0	6.8
SE		3.3	3.0	.3								6.6	7.1
SSE	.3	3.9	4.3	1.0								9.5	7.4
S		2.3	5.6	2.3	.3							10.5	9.2
SSW	.3	2.3	3.0	1.6	1.0							8.2	9.5
SW	1.0	6.6	.7	.3	.7							9.2	6.3
WSW	1.0	5.3	2.0	1.0	.7							9.9	7.0
W	1.3	4.6	1.6	.3	.7							8.6	6.8
WNW		2.3	1.0	.3								3.6	6.5
NW		1.0	2.0	1.0								3.9	6.3
NNW		.7			.3							1.0	9.0
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	4.9	48.0	31.2	11.5	3.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	1.7	.7									2.6	5.5
NNE	.3	2.0	1.0	.7	.3							4.3	7.5
NE	.3	3.0	.7	.7								4.6	6.1
ENE		1.0	2.0									3.0	6.2
E	1.0	4.6	1.3	.3								7.3	5.9
ESE		3.0	2.6	1.0								6.6	7.7
SE	.7	4.0	1.3									5.9	5.3
SSE		5.0	3.0	1.3								9.2	7.2
S	.3	4.3	4.3	3.0	.3							12.2	8.6
SSW	.7	2.3	3.3	.7		.3						7.3	7.6
SW	2.0	2.3	.7	1.0	.3							6.3	6.1
WSW	2.0	2.3	1.3	2.0								7.6	7.2
W	3.0	4.3	1.3	1.0								9.6	5.4
WNW	.7	1.7	1.3									3.6	5.5
NW	1.3	2.0	1.7	.7								5.6	6.5
NNW	.7	.7	1.0	.3								2.6	6.5
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	13.2	43.9	27.4	12.5	1.0	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS ILST: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.3	1.3	.7							3.0	7.6
NNE	.3	1.3	.3								2.0	5.0
NE	1.0	.7	2.0								3.6	5.8
ENE	1.3	1.7	.7	.3							4.0	5.2
E	.7	4.6	1.0	.7							7.0	6.0
ESE		5.0	1.0	.7							6.6	6.1
SE		2.6	2.6	.3							5.5	7.4
SSE	.7	7.0	4.6	1.0							13.2	6.7
S	1.0	4.3	3.0	1.7	.3						10.3	7.8
SSW	.7	2.6	4.0	1.0							8.3	7.8
SW	1.3	2.6		.7							4.6	5.6
WSW	2.3	3.6	1.0	1.0	.3						8.3	6.2
W	2.3	3.6	1.0	.7		.3					7.2	5.8
WNW	1.0	2.0	.3	.3							3.6	4.7
NW	1.0	2.0									3.0	5.8
NNW	.3	1.0	.7								2.0	5.7
VARIABLE												
CALM	////////////////////										7.0	////
TOTALS	14.6	45.0	23.5	8.9	.7	.3					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS/EST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.7	.8	.1							2.7	5.8
NNE	.2	1.4	.6	.2	.0						2.6	6.1
NE	.5	1.4	1.1	.5							3.6	6.6
ENE	.7	1.4	.8	.1							2.7	6.7
E	1.6	4.0	1.4	.4							7.3	6.4
ESE	.8	4.0	2.2	.5							7.5	6.1
SE	.7	3.4	2.4	.4	.0						7.3	6.6
SSE	.6	5.0	3.4	.9							9.9	6.7
S	.6	4.7	4.0	2.0	.2						11.6	8.3
SSW	.9	2.7	2.9	1.3	.3	.0					8.2	7.9
SW	1.2	3.3	1.1	.9	.1						6.7	6.6
WSW	1.9	3.1	1.6	1.3	.2						8.1	6.7
W	2.2	4.1	1.6	.8	.1	.0					8.9	5.9
WNW	.8	2.0	.7	.1	.1						3.8	5.6
NW	.5	1.1	1.0	.4	.0						3.0	7.0
NNW	.7	.6	.4	.1	.0						1.4	6.0
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	14.1	43.0	26.1	10.1	1.3	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 2414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS/DATE: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	3.8	1.4	.3							6.2	5.5
NNE	.7	2.7	.3	.3							4.1	5.8
NE		.7	2.1	.3							3.1	5.1
ENE	1.7	4.3	.3	.3							6.6	4.1
E	1.4	4.5	.7	.3							6.9	4.7
ESE	1.4	3.4	.3	.7							5.8	5.1
SE	.3	1.4	.3								2.1	4.7
SSE	1.7	5.5	1.7								8.9	5.7
S	.7	2.7	1.4	1.0							5.8	7.2
SSW		2.1	.3								2.4	5.4
SW	1.7	2.7									4.4	4.7
WSW	2.1	3.4	1.0	1.4							7.9	6.7
W	3.1	6.1	1.7	1.0							12.9	5.8
WNW	1.7	2.7	.3	.3							5.1	4.5
NW	1.0	.7	1.0								2.7	5.5
NNW	1.4	1.7		1.0							4.1	6.7
VARIABLE												
CALM	////////////////////										12.0	////
TOTALS	19.5	48.3	13.0	7.7							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 74-87
MONTH: APR HOURS: 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	0.1	1.7	1.0									2.8	5.8
NNE	1.4	4.5	0.3	0.7								6.8	5.5
NF	0.1	1.7	0.7									2.5	5.2
ENE	0.7	3.8	1.0									5.5	5.1
E	2.1	3.4	1.0									6.5	4.2
ESE	1.7	4.1	0.3	0.7								6.8	4.8
SE	0.1	0.7	0.3									1.1	1.0
SSE		5.1	0.3									5.4	5.1
S	0.7	3.4	1.7	0.7								6.5	6.8
SSW	1.0	2.4	1.4									4.8	5.7
SW	1.0	2.1	0.7									3.8	4.7
WSW	1.4	4.5	1.0	1.4								8.2	6.1
W	4.5	3.9	2.7	1.0								12.1	5.4
WNW	0.7	2.4	0.3									3.4	5.0
NW	1.0	1.4	1.0	0.7								4.1	5.7
NNW	0.7	2.1	1.0									3.8	5.6
VARIABLE													
CALM	////////////////////											11.5	////
TOTALS	17.8	51.0	15.1	4.8								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(UT): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.7	2.1	.7							4.9	7.3
NNE	.7	2.8	2.9								5.9	6.2
NE	.7	1.0	1.0	.3							3.1	7.1
ENE	.7	1.4	1.4								3.5	6.6
E	1.7	4.9	.3	.3							7.1	4.6
ESE	1.4	3.8	1.4	.3							7.0	5.4
SE	.7	1.0									1.4	3.5
SSE	.7	2.8	1.4								4.9	5.7
S	.7	3.1	2.1	1.0							6.6	6.8
SSW	.7	.7	1.4	.7	.3						3.5	6.7
SW	.7	2.1	.7								3.1	5.6
WSW	1.4	1.4	2.1	.3							5.2	6.9
W	5.0	7.0	5.2								17.5	5.1
WNW	1.4	3.8			.3						5.6	4.9
NW	1.7	2.1	.7	.7							5.2	5.9
NNW	1.0	1.7	.3								3.1	4.0
VARIABLE												
CALM	////////////////////										11.9	////
TOTALS	18.5	41.6	22.7	4.5	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-8T
MONTH: APR HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	4.6	2.5								8.1	5.6
NNE	.7	2.8	1.8	1.1							6.3	7.1
NE	.7	1.4	.7	1.1							3.9	7.5
ENE	.4	1.4	1.1								2.8	6.0
E	1.1	4.6	.7	.7							7.0	5.5
ESE	.7	4.9	2.1	.4							8.1	5.9
SE		1.4	.4								1.8	5.6
SSE	.4	3.9	1.1								6.3	6.7
S	.7	2.5	1.8	2.1							7.0	8.3
SSW	.7	1.1	1.1	.4							3.2	6.0
SW	1.4	3.2	1.1								5.6	5.3
WSW	1.8	4.2	.7	1.8							8.4	6.3
W	.4	5.0	3.2	1.8	.7						11.9	7.6
WNW	.7	3.5	2.5	.4							7.0	7.0
NW		3.5	1.8	.4							5.6	6.8
NNW		1.8	.4	.4							2.5	6.6
VARIABLE												
CALM	////////////////////										4.6	////
TOTALS	10.5	50.5	23.5	10.2	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-87
MONTH: APR HOURS ILST: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.0	3.0	.7	.3						6.8	8.0
NNE	.3	2.4	3.4	1.7							7.8	8.2
NE		2.4	1.0	1.0	.3						4.7	8.8
ENE	.3	3.4	.3	.3							4.4	5.4
E	1.4	3.4	.7	1.4							6.9	6.5
ESE		6.1	1.4	.3							7.8	6.0
SE		1.4		.3							1.7	6.0
SSE	.3	1.4	2.7	1.0							5.4	9.3
S	.3	1.0	2.4	1.7	.3						5.7	9.0
SSW	.7	1.4	1.4	1.4	.3						5.1	8.6
SW	1.0	3.0	1.0	1.0							6.1	6.4
WSW	1.4	5.4	3.0	1.0	.3						11.1	6.6
W	1.0	4.1	2.0	2.7	.3						10.1	8.0
WNW	.7	1.0	1.7	1.0							4.1	8.2
NW		.7	3.7	1.0	.7						6.1	10.1
NNW	.7	2.0	1.0	.3							4.1	6.2
VARIABLE												
CALM	////////////////////////////////////										2.4	////
TOTALS	8.4	40.9	28.7	16.9	2.7						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	4.4	1.7	1.4								8.4	6.7
NNE		3.7	1.0	2.0	.3							7.1	8.2
NE	.3	1.7	1.4									3.4	6.2
ENE	.3	3.4	1.0	.7								5.4	6.6
E	1.0	1.0	2.0	.7								4.7	7.0
ESE	.7	3.7	.7	.7								5.7	6.8
SE	.3	1.4	2.0	.7								4.4	7.4
SSE		1.7	2.0	1.4	.3							5.4	8.9
S		.3	3.0	1.0	.3							4.7	8.9
SSW	.3	2.4	.7	1.4								4.7	7.7
SW		3.0	2.4	.3	.3							6.1	8.2
WSW		4.1	3.0	1.0	.3							8.4	8.3
W	.3	4.1	3.4	1.7	.3							9.6	8.3
WNW		2.0	1.4	.7								4.1	8.0
NW	.3	2.7	4.4	1.7	.7							9.8	8.9
NNW		1.7	3.0	1.0	.7							6.4	9.5
VARIABLE													
CALM	////////////////////											1.4	////
TOTALS	4.7	41.2	33.1	16.2	3.4							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURGLIST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	GE 56		
N	.7	2.4	1.7	.7								5.2	7.2
NNE	1.0	4.5	2.4	2.1								10.0	7.4
NE	.7	4.8	1.4	1.0								8.9	6.7
NNE		3.5	1.0	.7								5.2	7.1
E	1.0	3.1	2.1	.7								6.9	6.2
ESE	1.0	3.8	.3	.7								5.8	6.7
SE		.7	1.7									2.4	5.7
SE		1.0	1.4	.7	.3							3.5	5.7
S	.3	1.7	3.5	1.0	.3							6.8	6.9
SSW		1.0	2.4	.3	.3							4.2	6.1
SW		5.5	.3	.3								6.2	6.7
WSW	1.4	3.8	1.4	1.4	.7							8.7	7.3
W		4.2	3.8	.7	.7	.3						9.7	8.6
WNW	.3	2.8	2.1	1.7	.7							7.6	8.7
NW		1.0	3.1	1.7	.3							6.2	10.4
NNW		1.0	2.4									4.5	7.8
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	6.2	44.6	31.1	13.5	3.5	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAG
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 1947
MONTH: APR HOURS (UST): 180-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.7	1.5	2.7	.3								4.8	6.6
NNE	1.4	1.4	1.4	1.0								7.1	6.1
NE	.7	2.0	1.4	.7								4.4	6.6
ENE	1.4	1.0	1.4									5.7	4.9
E	3.0	9.5	1.0									13.5	4.3
ESE	1.4	1.0	.3	.7								4.4	5.4
SE		1.0	.7									1.4	6.0
SSE		2.4	1.0	.7								4.1	7.2
S	1.0	3.4	3.0	.3	.3							4.1	6.6
SSW	.3	1.7	.3	.3								2.7	6.0
SW	.7	.7	1.0	1.0								3.4	7.4
WSW	1.7	1.7	.7		.3							4.4	6.2
W	3.4	5.1	2.4	1.0								11.8	6.6
WNW	1.7	1.0	1.4	.3								4.4	4.5
NW	1.0	2.7	.3		.3							4.4	6.3
NNW	.7	1.0	.7	.7								2.7	6.5
VARIABLE													
CALM	////////////////////											7.7	////
TOTALS	20.6	48.7	18.9	7.1	1.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE. 56	
N	.6	3.0	2.0	.5	.0						6.2	6.6
NNE	.8	3.3	1.6	1.1	.0						5.7	6.9
NE	.4	1.9	1.2	.6	.0						4.1	7.2
ENE	.7	3.0	.9	.3							4.9	6.6
E	1.6	4.3	1.1	.5							7.5	6.2
ESE	1.0	4.1	.9	.5							6.5	6.6
SE	.2	1.1	.6	.1							2.0	6.3
SSE	.4	3.0	1.6	.5	.1						5.6	6.4
S	.5	2.3	2.4	1.1	.2						6.4	7.8
SSW	.4	1.6	1.1	.6	.1						3.8	7.7
SW	.8	2.8	.9	.3	.0						4.8	6.7
WSW	1.4	3.8	1.6	1.0	.2						8.1	6.5
W	2.2	5.6	3.0	1.2	.3	.0					12.4	6.6
WNW	1.1	2.7	1.2	.6	.1						5.7	6.3
NW	.6	1.8	2.0	.8	.3						5.5	7.8
NNW	.6	1.6	1.1	.4	.1						3.8	6.9
VARIABLE												
CALM	////////////////////										6.7	////
TOTALS	13.3	45.8	23.3	10.1	1.5	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 2332

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 74-77
MONTH: MAY HOURS: 0000-2359

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	GE 58	
N	1.3	2.7	1.3								5.3	1.3
NNE	2.0	1.3	1.3	1.0							5.6	1.3
NE	2.3	3.0	1.3		.3						6.9	1.3
ENE	1.7	2.7		1.3							5.7	1.3
E	6.6	4.7	.7	.3							12.3	1.3
ESE	1.0	5.0	.3	.3							6.6	1.3
SE	1.3	2.7	1.0								5.0	1.3
SSE	1.0	3.7	1.0	.3							6.0	1.3
S	.3	1.0	1.0								2.3	1.3
SSW	.3	2.0	.3	.7							3.3	1.3
SW	1.0	1.3	.3	.3							2.9	1.3
WSW	1.0	3.3	1.7		.7						6.7	1.3
W	3.0	6.6	1.3	1.0							12.0	1.3
WNW	1.3	1.3	.7								3.3	1.3
NW	.3	1.3									1.7	1.3
NNW		2.3		.3							2.7	1.3
VARIABLE												
CALM	////////////////////										1.3	////
TOTALS	26.6	44.9	12.3	5.6	.7						89.1	4.3

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	1.7									3.0	3.0
NNE	2.0	3.3	1.7	.7							7.6	6.0
NE	2.3	1.3	1.0								4.6	4.1
ENE	2.7	1.0	1.0	.3							4.6	5.1
E	5.6	6.3	1.3								13.2	4.0
ESE	1.0	5.6	.7								7.3	5.0
SE		2.6	.7								3.0	5.8
SSE	.7	3.0	.7	.3							4.6	5.1
S		2.0	1.3	.7							4.0	7.7
SSW	.7	1.7	1.0								2.6	6.5
SW	.3	2.3	.7								3.0	4.9
WSW	2.0	4.6	.7								7.3	4.5
W	3.3	6.0	1.7	1.0	.3						12.3	5.8
WNW	1.0	3.3	.3	.3							5.0	5.1
NW	.7	.7									1.3	3.5
NNW	1.0	1.7	.7								3.0	4.2
VARIABLE												
CALM	////////////////////										13.6	////
TOTALS	23.8	40.7	12.3	3.3	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 102

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	3.0	2.3								6.0	6.0
NNE	3.0	4.0	1.0	.3							8.3	4.5
NE	.3	.3	.7	.7	.3						2.3	2.6
ENE	1.7	1.7	1.0	.7							5.0	5.5
E	3.3	7.7	1.3								12.3	4.3
ESE	2.0	5.0	.3								7.3	4.1
SE	.3	1.0	1.0								2.3	5.0
SSE	1.7	1.7	.7	.3							4.3	4.8
S		2.0	1.0	1.0							4.0	8.0
SSW	.7	1.0	2.0	.3							4.0	7.0
SW	.7	1.7	.7								3.0	5.1
WSW	1.7	3.0	.3	.3							5.3	4.5
W	2.0	7.7	2.0	.7	.3						12.7	5.6
WNW	.7	2.3	1.3		.3						4.7	6.2
NW	.3	1.3	.7								2.3	5.1
NNW	1.3	1.0		.3							2.7	4.8
VARIABLE												
CALM	////////////////////										13.3	////
TOTALS	20.3	44.3	16.3	4.7	1.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(EST): 0700-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56		
N	1.0	4.6	2.0									7.5	5.7
NNE	.3	5.5	1.6	.7								7.1	6.1
NE	1.0	1.0	2.0	1.0	.3							5.3	6.2
ENE	1.0	2.0	1.0	.3								4.3	6.2
E	2.6	4.9	1.6	.7								9.8	5.8
ESE	1.3	4.9	1.6	.7								8.5	5.8
SE	.3	3.6	1.3	.7								5.9	6.0
SSE	.3	2.6	1.3	.3								4.5	5.9
S	.3	1.6	.7	1.0								3.6	7.0
SSW	.3	1.6	2.0	1.6								5.5	6.1
SW	1.6	3.6	.7	.3								6.2	4.6
WSW	1.0	3.9	1.6	.3	.3							7.1	6.6
W	1.6	3.6	2.0	1.6								8.8	7.0
WNW	.7	2.0	1.6	1.0								5.3	7.4
NW	.3	.7	1.0	.7								2.7	7.5
NNW	.3	1.6	1.0									2.9	6.2
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	14.0	47.6	22.8	10.7	.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7R-87
MONTH: MAY HOURS: 0000-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.3	2.6	1.3	1.0							6.2	1.5
NNE	.7	4.3	2.3	1.7							8.0	2.1
NE	.3	.7	1.6	.7	.3						2.6	1.7
ENE	.7	3.0	1.3	1.0	.7						6.6	1.9
E	.7	3.0	.3	.7							4.6	1.9
ESE	.7	3.6	1.0	1.3							6.6	2.1
SE	.3	2.0	1.6	.7							4.6	2.1
SSE		1.0	2.3	.7							4.0	2.7
S	.3	2.3	1.6	2.6							6.8	2.1
SSW	.3	3.0	1.6	1.0	.3						6.2	2.1
SW		2.6	1.3	.7							4.6	2.1
WSW	1.0	6.6	2.6	.7	.3						11.2	2.5
W	.3	3.7	3.0	1.6	.3	.3					8.9	2.8
WNW	1.0	.7	2.3	.3	.3						4.6	2.5
NW		2.3	1.6	1.3	.3						5.6	2.4
NNW	.3	2.6	1.3	1.3							5.6	2.4
VARIABLE												
CALM	////////////////////										2.0	////
TOTALS	7.6	43.4	27.3	16.8	2.6	.3					102.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-P7
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.7	.7	.3							4.0	6.2
NNF	.3	4.7	2.0	1.0							8.0	7.0
NE		3.7	2.3	2.0	1.0						9.0	9.7
ENF		1.7	1.3	1.7	.3						5.0	9.4
E	.7	2.7	.7	.7							4.3	8.6
ESE		3.7	1.3	.7							5.7	7.1
SE		1.7		1.3	.3						3.3	9.5
ESF		1.3	1.7	1.0							4.0	5.2
S	1.3	1.0	2.0	3.3							7.7	9.9
SSW	.7	2.3	1.0	1.7							5.3	8.1
SW	.7	1.7	1.7	.3	.7						5.0	8.0
WSW	.7	3.7	1.7	.7							6.7	6.7
W	1.7	5.3	4.7	2.7	.3	.7					14.7	8.7
WNW		1.7	1.3	.7	.3						4.0	8.9
NW	.7	3.0	1.0	2.7	.7	.3					8.0	10.0
NNW	.3	.3	2.7	.7							3.7	8.7
VARIABLE												
CALM	////////////////////////////////////											1.7
TOTALS	6.0	40.7	25.7	21.3	3.7	1.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(EST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.7		.3							3.3	1.1
NNE	.7	4.0	2.0	.7							7.4	1.1
NE		4.0	3.0	3.0	.7						10.7	1.1
ENE	.7	2.6	3.0	.7							6.0	1.2
E	1.7	4.3	.3	.7							7.0	1.0
ESE	.3	3.0	.7	.3							4.3	1.2
SE		1.7	1.0	.7							3.4	1.4
SSE		.7	1.3	.7							2.7	1.4
S		2.6	3.0	1.7							7.3	1.4
SSW	.7	2.3	.7	.7							4.4	1.7
SW		3.6		.7		.3					4.6	1.1
WSW	1.7	2.3	.7	1.0							5.7	1.2
W	.7	2.6	4.3	.7	.3	.7					9.6	1.2
WNW	1.0	3.3	2.6	2.3		.3					9.6	1.4
NW		1.0	3.3	2.6	.3						7.2	10.1
NNW	.7	3.0	2.0	1.3	.3						7.0	1.0
VARIABLE												
CALM	////////////////////////////////////										1.3	////
TOTALS	7.1	43.4	27.8	17.5	1.7	1.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(157): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.0	1.0								3.6	5.3
NNE	1.3	5.6	2.3	.3	.3						9.8	5.8
NE	1.3	6.5	1.3	.3	.3						9.8	5.6
ENE	2.0	4.6	2.3	1.0							9.8	6.1
E	2.9	3.9	1.0	.3							8.2	4.3
ESE	.7	3.3	.3								4.2	4.2
SE		2.9	.3								3.2	5.4
SSE		2.9	1.6	.3							4.9	6.5
S		2.3	1.6								3.9	6.5
SSW		.7	.3								1.0	5.7
SW	2.0	2.0									3.9	3.7
WSW	.7	4.2	.7	.3	.3						6.2	5.8
W	2.0	3.3	3.3	1.6	.3						10.5	7.0
WNW	.7	3.6	.7	.7							5.6	5.6
NW	.3	3.9	2.6	.3							7.2	6.4
NNW	1.0	1.6	.7	.3							3.6	5.5
VARIABLE												
CALM	////////////////////										4.6	////
TOTALS	15.4	53.7	19.9	5.6	1.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
 MONTH: MAY HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	2.6	1.1	.2							4.8	5.7
NNE	1.2	4.1	1.8	.7	.0						7.9	6.2
NE	.9	2.6	1.7	.9	.4						6.5	7.5
ENE	1.2	2.4	1.4	.9	.1						5.9	6.4
E	3.0	4.7	.9	.4							9.0	4.6
ESE	.9	4.3	.8	.4							6.4	6.6
SE	.3	2.3	.8	.4	.0						3.8	6.1
SSE	.5	2.1	1.3	.5							4.4	6.5
S	.3	1.9	1.5	1.3							5.0	8.2
SSW	.4	1.8	1.1	.7	.0						4.0	7.4
SW	.8	2.4	.6	.3	.1	.0					4.2	6.9
WSW	1.4	4.0	1.2	.4	.2						7.2	6.9
W	1.7	4.9	2.8	1.3	.2	.2					11.3	7.0
WNW	.8	2.3	1.4	.7	.1	.0					5.3	6.9
NW	.3	1.8	1.3	.9	.2	.7					4.5	8.2
NNW	.6	1.8	.9	.5	.0						3.9	6.7
VARIABLE												
CALM	////////////////////										6.1	////
TOTALS	15.1	45.5	20.6	10.7	1.5	.3					100.7	6.1

TOTAL NUMBER OF OBSERVATIONS: 2422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.7	1.0									5.1	4.7
NNE	3.1	2.4	.7	1.0								7.1	5.2
NE	1.7	2.0										3.7	3.1
ENE	2.7	3.1	.7									6.4	4.1
E	3.1	2.4	1.0									6.4	3.9
ESE	.7	1.0	.7									2.4	4.2
SE	1.4	1.4	.7									3.4	4.8
SSE		2.7	.3									3.1	4.7
S	.3	2.7	1.0									4.1	5.0
SSW	1.7	2.0	1.4									5.1	4.9
SW	.3	2.7	1.7	.7								5.1	6.4
WSW	2.0	3.7	1.4	.7								7.8	5.7
W	2.7	7.8	3.4	1.0								14.9	5.6
WNW	2.0	2.7	.3									5.1	3.6
NW	2.4	.3										2.7	2.5
NNW	1.7	2.4	.7	.3								5.1	4.8
VARIABLE													
CALM	////////////////////											12.5	////
TOTALS	27.1	42.0	14.9	3.4								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.7	4.1	1.0	.3								7.1	5.0
NNE	1.4	3.1	1.7									6.1	4.5
NE	2.7	1.4			.3							4.4	3.8
ENE	1.7		.3									2.0	3.0
E	1.7	2.4	1.4	.3								5.8	5.2
ESE	1.4	2.0	.3									3.7	4.2
SE	1.0	2.7	.3									4.1	4.8
SSE	.7	1.0	.3	.3								2.4	5.1
S		1.4	1.4									2.7	6.8
SSW	1.0	1.4	1.0									3.4	5.0
SW	1.0	3.4	1.0									5.4	5.0
WSW	2.7	4.4	1.0	.7	.3							9.2	5.6
W	5.8	6.8	1.7	.3								14.6	4.4
WNW	1.7	3.4	.3									5.4	4.0
NW	2.0	.3										2.4	2.3
NNW	2.0	1.4	.7		.3							4.4	5.2
VARIABLE													
CALM	////////////////////											16.9	////
TOTALS	28.5	39.0	12.5	2.0	1.0							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS/DAYS: 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	4.4	1.7								9.5	4.5
NNE	.7	2.0	1.0	1.0							4.7	4.5
NE	1.7	1.0	.3	.3							3.3	4.5
NNE	1.4	1.7	.3								3.4	4.5
E	3.1	3.1	.7	.3							7.2	4.5
ESE	.3	4.8	.7								5.8	4.5
SE	.7	2.0	.3								3.1	4.5
SSE	.7	2.7		.3							3.7	4.5
S	.7	1.7	1.0	1.4							4.8	4.5
SSW	1.7	1.0	.7								3.4	4.5
SW	1.4	2.0	1.4	.3							5.1	4.5
WSW	1.4	4.4	1.0	.3							7.1	4.5
W	2.0	6.1	2.0	.7	.3	.3					11.6	4.5
WNW	2.4	2.4	.3								5.1	4.5
NW	1.4	2.7									4.1	4.5
NNW	1.0	3.1		.3							4.4	4.5
VARIABLE												
CALM	////////////////////										13.3	////
TOTALS	23.7	45.4	11.6	5.1	.3	.3					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JULY HOURS/DATE: 000-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.4	3.4	.7	.3							5.8	5.7
NNE		3.4	3.4	.7							7.5	7.1
NE	.3	2.4		.3							3.0	3.0
ENE	.7	2.0	.7								3.4	3.1
E	.7	3.4	3.4	.3							7.8	6.7
ESE	.7	1.7	.3	.3							2.7	2.5
SE	.3	1.7	1.0	1.0							4.0	3.5
SSE	.3	4.1	.7								5.1	5.4
S	.3	3.7	1.0	.7							5.7	5.1
SSW	1.0	1.7	1.0	1.7							5.4	5.3
SW	1.4	3.1	2.0	1.4							7.9	7.1
WSW	.7	4.4	2.0	1.0							8.1	6.8
W	2.7	4.1	3.1	2.4	.7						12.7	7.7
WNW	2.0	2.0	.7								4.7	4.0
NW	.7	2.0	2.4	1.0							5.8	5.0
NNW	1.7	4.8	1.0	.7							8.2	5.8
VARIABLE												
CALM	////////////////////////////////////										3.7	////
TOTALS	13.7	47.3	23.1	11.9	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATION

STATION NUMBER: 250630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-81
MONTH: JUN HOURS: 01-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN KTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	3.7	2.0								6.4	1.1
NNE	.3	1.7	3.1	1.0	.3						6.4	1.1
NE		3.7	1.0								4.7	1.1
NNE		2.7	1.7	.3							4.7	1.1
E	.3	3.1	.7	1.4							5.5	1.1
ESE		1.0	1.0	.3							2.3	1.1
SE	.3	2.0	.7								3.0	1.1
ESE		3.7	.3	1.4							5.4	1.1
S		1.7	2.0	2.4							6.1	1.1
SSW	.3	4.7	2.0	.7							7.7	1.1
SW		4.4	1.0	1.0							6.4	1.1
WSW	.3	6.4	2.4	2.4	.3						11.8	1.1
W	.7	3.0	3.1	1.0	1.0						10.8	1.1
WNW	.3	1.7	.3	1.7	.7						4.7	1.1
W	1.0	2.7	2.0	1.4	.3						7.4	1.1
WNW		2.0	2.4	.7							5.1	1.1
VARIABLE												
CALM	////////////////////										2.7	1.1
TOTALS	4.1	48.9	25.8	16.6	2.7						107.1	1.1

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND SEASON
FROM 1961 TO 1990

STATION NUMBER: 240450 STATION NAME: Leningrad 0074

DIRECTION (DEGREES)	WIND SPEED IN MPH									
	1-7	8-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
N	2.7	2.7	2.7	2.7						
NNE	2.7	2.7	2.7	2.7	2.7					
NNE		2.7	2.7	2.7						
NNE		2.7	2.7	2.7	2.7					
E	2.7	2.7	2.7	2.7						
ESE	2.7	2.7	2.7							
E		2.7	2.7	2.7						
ESE		2.7	2.7	2.7	2.7					
S		2.7	2.7	2.7	2.7					
SSE	2.7	2.7	2.7	2.7	2.7					
S		2.7	2.7	2.7	2.7	2.7				
SSE		2.7	2.7	2.7	2.7	2.7	2.7			
W		2.7	2.7	2.7	2.7	2.7				
WSW		2.7	2.7	2.7	2.7	2.7	2.7			
W		2.7	2.7	2.7	2.7	2.7	2.7	2.7		
WSW		2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
SW		2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
SSW		2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
SW		2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
SSW		2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7

.....

.....

.....

.....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	3.4	1.4	.3							7.5	4.8
NNE	1.0	5.5	1.4	.7							8.6	5.8
NE	1.0	3.4	.7	.3							5.5	5.0
ENE	1.7	3.4	.3								5.5	4.0
E	1.0	3.1	1.4								5.5	4.8
ESE	.3	1.4	.7								2.4	5.4
SE	.7	1.7	.3								2.7	4.5
SSE	.3	2.4	1.0								3.8	6.0
S	.7	2.1	1.7	.3							4.8	6.7
SSW	.3	2.4	1.0			.3					4.1	7.4
SW	1.7	2.7	.7	.7							5.8	6.0
WSW	1.0	4.1	.7	.7							6.5	5.9
W	3.8	6.2	2.1	1.7	.7						14.4	6.4
WNW	2.1	1.7	1.0	1.0							5.8	5.8
NW	.7	4.5	2.4	.7							8.2	6.3
NNW	1.4	1.4	.7								5.5	4.4
VARIABLES												
CALM	////////////////////										3.1	////
TOTALS	20.3	51.5	17.5	4.5	.7	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	3.2	1.3	.3								6.2	5.7
NNE	.9	3.5	2.0	.9	.1							7.3	6.7
NE	1.1	2.6	.7	.4	.1							4.9	5.5
ENE	1.0	2.0	1.1	.2	.0							4.3	5.6
E	1.3	2.7	1.1	.4								5.5	5.4
ESE	.5	1.9	.6	.1								3.2	5.5
SE	.6	1.6	.5	.3								2.9	5.0
SSE	.3	2.4	.7	.3								3.7	6.2
S	.3	2.0	1.6	.9	.1							4.9	7.6
SSW	.9	2.2	1.1	.5	.0	.1						4.7	5.6
SW	.7	3.6	1.4	.7	.0	.0						6.5	6.6
WSW	1.2	4.6	1.5	1.1	.1							8.6	6.5
W	2.3	6.0	3.0	1.1	.5	.1						13.7	6.8
WNW	1.7	2.4	.7	.6	.2	.0						5.2	6.7
NW	1.0	2.3	1.7	1.1	.1	.0						6.2	7.4
NNW	1.1	2.8	1.4	.6	.1							6.0	6.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.8	////
TOTALS	15.9	45.7	20.5	9.5	1.4	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 2749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTHS: 000 HOURS: 0000 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.5	1.9	.7								5.1	1.2
NNE	1.6	5.2	1.0								7.8	1.4
NE	1.0	1.6									2.6	1.2
ENE		1.6	.3	.3	.3						2.5	1.2
E	1.7	4.9									6.6	1.4
ESE	2.7	1.9	.3								5.0	1.3
SE	.6	1.0	.3								1.9	1.2
SSE	1.0	2.9		.6							4.5	1.2
S	1.9	2.7	1.0		.3						5.9	1.3
SSW	.6	2.3	1.6	.7							5.2	1.3
SW	1.7	4.2	1.0								6.9	1.3
WSW	2.7	3.7									6.4	1.3
W	2.7	1.9	1.7	.7							7.0	1.3
WNW	2.7	1.7	.7								5.1	1.2
NW	1.7	1.7		.3							3.7	1.2
NNW	.7	1.9									2.6	1.2
VARIABLE												
CALM	////////////////////										14.7	
TOTAL	25.9	46.8	8.3	1.6	.3						82.9	1.27

TOTAL NUMBER OF OBSERVATIONS: 78

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VARYING WITH
FROM HOURLY OBSERVATION

STATION NUMBER: 260413 STATION NAME: LENDINGRAH USAR

PERIOD OF RECORD: 1947-1957
MONTH: 12

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	1.7	1.7	1.7								5.1	1.7
NNE	1.7	1.7	1.7								5.1	1.7
NE	1.7	1.7									3.4	1.7
ENE	1.7	1.7		1.7	1.7						5.1	1.7
E	1.7	1.7	1.7								5.1	1.7
ESE	1.7	1.7									3.4	1.7
S	1.7	1.7									3.4	1.7
SSE	1.7	1.7	1.7								5.1	1.7
S	1.7	1.7	1.7	1.7	1.7						10.2	1.7
SSW	1.7	1.7	1.7								5.1	1.7
SW	1.7	1.7	1.7								5.1	1.7
WSW	1.7	1.7									3.4	1.7
W	1.7	1.7									3.4	1.7
WNW	1.7	1.7									3.4	1.7
NW	1.7	1.7			1.7						5.1	1.7
NNW	1.7	1.7									3.4	1.7
VARIOUS												
TOTAL	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	102.0	1.7

STATION NUMBER: 260413 STATION NAME: LENDINGRAH USAR

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 240412 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
 MONTH: JUNE HOURS (EST): 0000-0800

DIRECTION TOP OF LIST	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-60	61-66		
N	2.7	3.6	4.7									11.0	4.2
NNE	4.7	2.7	4.7									12.1	5.1
NE	14.7	14.7	4.7									34.1	9.2
ENE	14.7	14.7		4.7								34.1	11.4
E		4.7	14.7									19.4	11.4
ESE	4.7	14.7	4.7									24.1	9.7
S	14.7	14.7	4.7									34.1	9.7
SSE	14.7	4.7	4.7	4.7								34.1	9.2
S	4.7	14.7	14.7	4.7	4.7							44.1	11.9
SSW	14.7	14.7	14.7	4.7								44.1	11.7
W	4.7	14.7	4.7	4.7								34.1	11.4
WSW	4.7	4.7	4.7	4.7								24.1	11.4
W	4.7	4.7	4.7									19.4	9.2
WNW	4.7	4.7	4.7									19.4	11.4
NW	4.7	4.7		4.7								19.4	9.2
NNW	4.7	4.7										19.4	11.4

WIND	////////////////////											17.9	11.9
WIND	////////////////////											17.9	11.9

STATION NUMBER: 240412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	4.3										6.9	4.0
NNE	1.0	7.9	1.6									6.6	5.3
NE	.7	1.0	.3		.3							2.3	6.4
ENE	.7	2.0	.7	.3								3.6	5.5
E	1.0	3.6	1.0	.7								6.2	5.8
ESE		1.3	1.0									2.3	6.9
SE	.7	1.6	.7									2.6	8.0
SSE	.7	3.6	1.3									5.6	5.3
S	2.0	2.3	1.0	.7								5.9	5.2
SSW	.7	3.3	1.3	.3								5.2	6.6
SW	.7	6.2	2.3	2.0								11.1	7.0
WSW	2.0	5.9	.7									11.5	4.6
W	1.6	6.6	2.0	.7								10.8	5.6
WNW	1.0	2.6		.3	.3							4.3	6.1
NW	.7	2.3	1.0	.3								4.3	6.2
NNW	1.0	3.9	.7									5.6	5.1
VARIABLE													
CALM	////////////////////											5.2	////
TOTALS	16.1	57.4	15.4	5.2	.7							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GF 56	
N	.7	4.3	1.3								6.2	5.5
NNE	.3	4.3	.7								5.3	5.3
NE		2.0	1.0		.3						3.3	7.1
ENE	.3	2.0	.7	.7							3.6	6.9
E		1.6	1.3	2.0							4.9	8.7
ESE	.3	1.6	.7	.3							3.0	6.2
SE		1.3	1.3	.3							3.0	7.1
SSE		3.0	1.6	.7							5.3	6.9
S	.3	3.3	1.6	.7							5.9	7.1
SSW	1.6	3.3	1.3	2.3							8.6	7.9
SW	.7	4.3	2.6	1.3							8.9	7.1
WSW	.3	9.9	1.6	.7							12.5	5.8
W	1.0	6.6	2.6	.7							10.9	6.4
WNW	.7	2.0	1.0	.3	.7						4.6	7.7
NW	.3	1.6	2.6	.7							5.3	7.5
NNW		3.3	3.0								6.2	6.5
VARIABLE												
CALM	////////////////////										2.6	////
TOTALS	6.6	54.3	25.0	10.5	1.0						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7A-87
MONTH: JUL HOURS(UTC): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.3	2.6	.3							7.2	6.2
NNE	.3	5.6	1.6	.3							7.2	6.3
NE	.3	2.0	1.6								3.9	7.2
ENE	.3	2.0	1.6	1.0							4.9	7.2
E	.3	2.3	1.3	.3							4.3	6.8
ESE	.3	1.0	1.0	.7							3.0	7.5
SE		1.3	.3	.7							2.3	8.5
SSE		1.0	.7								1.6	7.6
S	.3	3.6	1.3	1.3	.3						6.9	9.2
SSW		3.3	2.0	1.6							6.9	7.8
SW	.7	5.2	1.0	1.6							8.5	6.9
WSW	1.0	5.6	2.6	1.0							10.2	6.7
W	.7	4.9	6.6	1.0	.3						13.4	7.5
WNW		2.3	2.6	.7							5.6	7.6
NW		1.3	3.0	.7							6.9	7.4
NNW	.7	2.6	2.6	.7							6.2	7.2
VARIABLE												
CALM	////////////////////										.3	////
TOTALS	5.6	49.2	32.5	11.8	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	3.9	1.3									5.9	5.4
NNE	.3	4.2	1.6			.3						6.5	6.6
NE	.3	3.3	1.0	.7								5.2	6.4
ENE	.3	2.9	1.6	.3								6.2	6.4
E	.7	2.9	1.3	.7	.7							6.2	7.9
ESE	.3	1.6	1.0	.3								3.3	6.4
SE		.7	1.0	.3								2.0	6.7
SSE	.3	1.3	.3	.3								2.3	6.6
S	.7	2.3	3.6		.3							6.9	7.7
SSW		2.9	1.0	1.0								4.9	7.1
SW		1.3	2.0	.7								4.9	7.7
WSW	1.3	3.3	1.3	1.0								6.9	6.4
W	1.3	7.2	4.2	.7								13.4	6.7
WNW	2.3	4.6	1.3	1.0	.3							9.5	6.0
NW		7.5	4.2	1.0								12.7	6.8
NNW	.7	2.0	.3									2.9	4.7
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	9.2	52.0	27.1	7.8	1.3	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD: 1 JAN 1961 TO 31 DEC 1961
MONTH: JAN 1961

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-63
N	1.3	2.9	.3								
NNE	1.4	4.2		.3							
NE	1.0	3.9	.6								
ENE	1.3	2.9	1.6	.3							
E	.6	5.1	1.3								
ESE	1.0	2.6	.3								
SE	.3	1.2	.3								
SSE	.3	3.4	.3	.3							
S	.3	2.4	.3	.3	.3						
SSW	.3	3.3	1.0								
SW	1.3	1.9	1.3	.3							
WSW	.3	.3	1.3								
W	.3	2.3	1.3	.3							
WNW	1.0	6.2	.3								
NW	1.3	4.3	1.3	.3							
NNW	1.3	.3		.3							
TOTAL	17.3	34.7	11.3	2.3	1.3						

TOTAL NUMBER OF OBSERVATIONS: 100

SYNOPTIC METEOROLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF WINDS OF DIFFERENT DIRECTIONS
 FROM POINT OF OBSERVATION

STATION NAME: Leningrad USSR

DATE: 1954
 MONTH: 1

		WIND SPEED IN KNOTS											
		1-3	4-6	7-10	11-16	17-21	22-27	28-34	35-40	41-47	48-54		
DIRECTION	1	1.7	1.7	1.7								NUMBER	PERCENT
	2	1.7	1.7	1.0									
DIRECTION	3	1.7		1.0								NUMBER	PERCENT
	4	1.7	2.3	1.3	1.7								
DIRECTION	5	1.7	1.0	1.7								NUMBER	PERCENT
	6	1.7	1.0	1.3									
DIRECTION	7	1.7	1.0	1.3								NUMBER	PERCENT
	8	1.7	1.0	1.3									
DIRECTION	9	1.7	1.0	1.3								NUMBER	PERCENT
	10	1.7	1.0	1.3									
DIRECTION	11	1.7	1.0	1.3								NUMBER	PERCENT
	12	1.7	1.0	1.3									
DIRECTION	13	1.7	1.0	1.3								NUMBER	PERCENT
	14	1.7	1.0	1.3									
DIRECTION	15	1.7	1.0	1.3								NUMBER	PERCENT
	16	1.7	1.0	1.3									
DIRECTION	17	1.7	1.0	1.3								NUMBER	PERCENT
	18	1.7	1.0	1.3									
DIRECTION	19	1.7	1.0	1.3								NUMBER	PERCENT
	20	1.7	1.0	1.3									
DIRECTION	21	1.7	1.0	1.3								NUMBER	PERCENT
	22	1.7	1.0	1.3									
DIRECTION	23	1.7	1.0	1.3								NUMBER	PERCENT
	24	1.7	1.0	1.3									
DIRECTION	25	1.7	1.0	1.3								NUMBER	PERCENT
	26	1.7	1.0	1.3									
DIRECTION	27	1.7	1.0	1.3								NUMBER	PERCENT
	28	1.7	1.0	1.3									
DIRECTION	29	1.7	1.0	1.3								NUMBER	PERCENT
	30	1.7	1.0	1.3									
DIRECTION	31	1.7	1.0	1.3								NUMBER	PERCENT
	32	1.7	1.0	1.3									

17.9
 17.9 1.7 1.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7A-87
MONTH: AUG HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	3.3	.3	.3								5.6	4.6
NNE	.7	2.0	.7	.3								3.6	5.8
NE		2.6	.7									3.3	5.2
NNE	1.3	2.6	1.0	.7								5.6	5.8
E	1.3	2.9	.3									4.6	4.0
ESE	1.0	1.3	.3									2.6	4.0
SE	.3	2.3	.7	.3								3.6	5.6
SSE	1.3	2.9	2.3	.3								6.9	5.7
S	.7	4.9	2.3	1.3								9.2	6.2
SSW	.3	4.2	2.0									6.5	5.8
SW	.7	4.9	1.6	.3	.3							7.8	6.5
WSW	1.3	5.6	1.6	.7								9.2	5.9
W	2.0	6.9	2.6									11.4	5.4
WNW	1.0	2.6	1.0	.3								4.9	5.2
NW	1.3	2.0	1.3									4.6	5.7
NNW	1.3	1.6	1.6	.7	.3							5.6	7.0
VARIABLE													
CALM	////////////////////											5.2	////
TOTALS	16.0	52.6	20.3	5.2	.7							102.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 1949-72
MONTH: JAN. YEAR: 1974

DIRECTION DEGREE S	WIND SPEED IN KNOTS												TOTAL %	HOURS /DAY
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-70		
N	14.7	24.3	24.0	2.7	2.7								64.4	12.7
NNE		14.7	2.7										17.4	2.7
NE	2.7	14.7		14.7									32.1	2.7
ENE	14.7	14.7	14.7	14.7									57.8	12.7
E	2.7	24.3	24.0										51.0	12.7
ESE		14.7	2.7										17.4	2.7
SE	2.7	14.7	14.7	2.7									32.1	12.7
SSE		14.7	14.7	14.7									57.8	2.7
S	2.7	44.7	24.7	14.7									86.8	12.7
SSW	2.7	24.7	24.7	14.7									76.8	12.7
SW	14.7	44.9	14.7	2.7									76.8	12.7
WSW	2.7	44.7	14.7	14.7									76.8	12.7
W	14.7	44.7	14.7	14.7	2.7								104.4	12.7
WNW		2.7	14.7	2.7									20.1	12.7
NW	2.7	14.7	2.7	2.7	2.7								20.1	12.7
NNW	14.7	14.7	2.7	2.7									32.1	12.7
VARIABLE														
CALM	////////////////////												14.7	12.7
TOTAL	44.9	104.4	104.4	104.4	14.7								321.2	12.7

TOTAL NUMBER OF OBSERVATIONS: 1248

[illegible]
$$f_A(t) = \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \cos \frac{2\pi t}{T} \right) \quad \text{for } 0 \leq t \leq T, \quad f_A(t) = 0 \quad \text{for } t < 0 \text{ or } t > T$$
$$f(x) = \frac{1}{2} \left(\frac{1}{x} + \frac{1}{x^2} \right) \quad \text{for } x \in \mathbb{R} \setminus \{0\}$$

1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 26

$\mu_1, \mu_2, \dots, \mu_n$

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM MOOREY OBSERVATIONS

[illegible]

		WIND SPEED (IN KNOTS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
DIRECTION TO BE USED	1-7	8-9	10-11	12-13	14-15	16-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139	140-144	145-149	150-154	155-159	160-164	165-169	170-174	175-179	180-184	185-189	190-194	195-199	200-204	205-209	210-214	215-219	220-224	225-229	230-234	235-239	240-244	245-249	250-254	255-259	260-264	265-269	270-274	275-279	280-284	285-289	290-294	295-299	300-304	305-309	310-314	315-319	320-324	325-329	330-334	335-339	340-344	345-349	350-354	355-359	360-364	365-369	370-374	375-379	380-384	385-389	390-394	395-399	400-404	405-409	410-414	415-419	420-424	425-429	430-434	435-439	440-444	445-449	450-454	455-459	460-464	465-469	470-474	475-479	480-484	485-489	490-494	495-499	500-504	505-509	510-514	515-519	520-524	525-529	530-534	535-539	540-544	545-549	550-554	555-559	560-564	565-569	570-574	575-579	580-584	585-589	590-594	595-599	600-604	605-609	610-614	615-619	620-624	625-629	630-634	635-639	640-644	645-649	650-654	655-659	660-664	665-669	670-674	675-679	680-684	685-689	690-694	695-699	700-704	705-709	710-714	715-719	720-724	725-729	730-734	735-739	740-744	745-749	750-754	755-759	760-764	765-769	770-774	775-779	780-784	785-789	790-794	795-799	800-804	805-809	810-814	815-819	820-824	825-829	830-834	835-839	840-844	845-849	850-854	855-859	860-864	865-869	870-874	875-879	880-884	885-889	890-894	895-899	900-904	905-909	910-914	915-919	920-924	925-929	930-934	935-939	940-944	945-949	950-954	955-959	960-964	965-969	970-974	975-979	980-984	985-989	990-994	995-999	1000-1004	1005-1009	1010-1014	1015-1019	1020-1024	1025-1029	1030-1034	1035-1039	1040-1044	1045-1049	1050-1054	1055-1059	1060-1064	1065-1069	1070-1074	1075-1079	1080-1084	1085-1089	1090-1094	1095-1099	1100-1104	1105-1109	1110-1114	1115-1119	1120-1124	1125-1129	1130-1134	1135-1139	1140-1144	1145-1149	1150-1154	1155-1159	1160-1164	1165-1169	1170-1174	1175-1179	1180-1184	1185-1189	1190-1194	1195-1199	1200-1204	1205-1209	1210-1214	1215-1219	1220-1224	1225-1229	1230-1234	1235-1239	1240-1244	1245-1249	1250-1254	1255-1259	1260-1264	1265-1269	1270-1274	1275-1279	1280-1284	1285-1289	1290-1294	1295-1299	1300-1304	1305-1309	1310-1314	1315-1319	1320-1324	1325-1329	1330-1334	1335-1339	1340-1344	1345-1349	1350-1354	1355-1359	1360-1364	1365-1369	1370-1374	1375-1379	1380-1384	1385-1389	1390-1394	1395-1399	1400-1404	1405-1409	1410-1414	1415-1419	1420-1424	1425-1429	1430-1434	1435-1439	1440-1444	1445-1449	1450-1454	1455-1459	1460-1464	1465-1469	1470-1474	1475-1479	1480-1484	1485-1489	1490-1494	1495-1499	1500-1504	1505-1509	1510-1514	1515-1519	1520-1524	1525-1529	1530-1534	1535-1539	1540-1544	1545-1549	1550-1554	1555-1559	1560-1564	1565-1569	1570-1574	1575-1579	1580-1584	1585-1589	1590-1594	1595-1599	1600-1604	1605-1609	1610-1614	1615-1619	1620-1624	1625-1629	1630-1634	1635-1639	1640-1644	1645-1649	1650-1654	1655-1659	1660-1664	1665-1669	1670-1674	1675-1679	1680-1684	1685-1689	1690-1694	1695-1699	1700-1704	1705-1709	1710-1714	1715-1719	1720-1724	1725-1729	1730-1734	1735-1739	1740-1744	1745-1749	1750-1754	1755-1759	1760-1764	1765-1769	1770-1774	1775-1779	1780-1784	1785-1789	1790-1794	1795-1799	1800-1804	1805-1809	1810-1814	1815-1819	1820-1824	1825-1829	1830-1834	1835-1839	1840-1844	1845-1849	1850-1854	1855-1859	1860-1864	1865-1869	1870-1874	1875-1879	1880-1884	1885-1889	1890-1894	1895-1899	1900-1904	1905-1909	1910-1914	1915-1919	1920-1924	1925-1929	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	2020-2024	2025-2029	2030-2034	2035-2039	2040-2044	2045-2049	2050-2054	2055-2059	2060-2064	2065-2069	2070-2074	2075-2079	2080-2084	2085-2089	2090-2094	2095-2099	2100-2104	2105-2109	2110-2114	2115-2119	2120-2124	2125-2129	2130-2134	2135-2139	2140-2144	2145-2149	2150-2154	2155-2159	2160-2164	2165-2169	2170-2174	2175-2179	2180-2184	2185-2189	2190-2194	2195-2199	2200-2204	2205-2209	2210-2214	2215-2219	2220-2224	2225-2229	2230-2234	2235-2239	2240-2244	2245-2249	2250-2254	2255-2259	2260-2264	2265-2269	2270-2274	2275-2279	2280-2284	2285-2289	2290-2294	2295-2299	2300-2304	2305-2309	2310-2314	2315-2319	2320-2324	2325-2329	2330-2334	2335-2339	2340-2344	2345-2349	2350-2354	2355-2359	2360-2364	2365-2369	2370-2374	2375-2379	2380-2384	2385-2389	2390-2394	2395-2399	2400-2404	2405-2409	2410-2414	2415-2419	2420-2424	2425-2429	2430-2434	2435-2439	2440-2444	2445-2449	2450-2454	2455-2459	2460-2464	2465-2469	2470-2474	2475-2479	2480-2484	2485-2489	2490-2494	2495-2499	2500-2504	2505-2509	2510-2514	2515-2519	2520-2524	2525-2529	2530-2534	2535-2539	2540-2544	2545-2549	2550-2554	2555-2559	2560-2564	2565-2569	2570-2574	2575-2579	2580-2584	2585-2589	2590-2594	2595-2599	2600-2604	2605-2609	2610-2614	2615-2619	2620-2624	2625-2629	2630-2634	2635-2639	2640-2644	2645-2649	2650-2654	2655-2659	2660-2664	2665-2669	2670-2674	2675-2679	2680-2684	2685-2689	2690-2694	2695-2699	2700-2704	2705-2709	2710-2714	2715-2719	2720-2724	2725-2729	2730-2734	2735-2739	2740-2744	2745-2749	2750-2754	2755-2759	2760-2764	2765-2769	2770-2774	2775-2779	2780-2784	2785-2789	2790-2794	2795-2799	2800-2804	2805-2809	2810-2814	2815-2819	2820-2824	2825-2829	2830-2834	2835-2839	2840-2844	2845-2849	2850-2854	2855-2859	2860-2864	2865-2869	2870-2874	2875-2879	2880-2884	2885-2889	2890-2894	2895-2899	2900-2904	2905-2909	2910-2914	2915-2919	2920-2924	2925-2929	2930-2934	2935-2939	2940-2944	2945-2949	2950-2954	2955-2959	2960-2964	2965-2969	2970-2974	2975-2979	2980-2984	2985-2989	2990-2994	2995-2999	3000-3004	3005-3009	3010-3014	3015-3019	3020-3024	3025-3029	3030-3034	3035-3039	3040-3044	3045-3049	3050-3054	3055-3059	3060-3064	3065-3069	3070-3074	3075-3079	3080-3084	3085-3089	3090-3094	3095-3099	3100-3104	3105-3109	3110-3114	3115-3119	3120-3124	3125-3129	3130-3134	3135-3139	3140-3144	3145-3149	3150-3154	3155-3159	3160-3164	3165-3169	3170-3174	3175-3179	3180-3184	3185-3189	3190-3194	3195-3199	3200-3204	3205-3209	3210-3214	3215-3219	3220-3224	3225-3229	3230-3234	3235-3239	3240-3244	3245-3249	3250-3254	3255-3259	3260-3264	3265-3269	3270-3274	3275-3279	3280-3284	3285-3289	3290-3294	3295-3299	3300-3304	3305-3309	3310-3314	3315-3319	3320-3324	3325-3329	3330-3334	3335-3339	3340-3344	3345-3349	3350-3354	3355-3359	3360-3364	3365-3369	3370-3374	3375-3379	3380-3384	3385-3389	3390-3394	3395-3399	3400-3404	3405-3409	3410-3414	3415-3419	3420-3424	3425-3429	3430-3434	3435-3439	3440-3444	3445-3449	3450-3454	3455-3459	3460-3464	3465-3469	3470-3474	3475-3479	3480-3484	3485-3489	3490-3494	3495-3499	3500-3504	3505-3509	3510-3514	3515-3519	3520-3524	3525-3529	3530-3534	3535-3539	3540-3544	3545-3549	3550-3554	3555-3559	3560-3564	3565-3569	3570-3574	3575-3579	3580-3584	3585-3589	3590-3594	3595-3599	3600-3604	3605-3609	3610-3614	3615-3619	3620-3624	3625-3629	3630-3634	3635-3639	3640-3644	3645-3649	3650-3654	3655-3659	3660-3664	3665-3669	3670-3674	3675-3679	3680-3684	3685-3689	3690-3694	3695-3699	3700-3704	3705-3709	3710-3714	3715-3719	3720-3724	3725-3729	3730-3734	3735-3739	3740-3744	3745-3749	3750-3754	3755-3759	3760-3764	3765-3769	3770-3774	3775-3779	3780-3784	3785-3789	3790-3794	3795-3799	3800-3804	3805-3809	3810-3814	3815-3819	3820-3824	3825-3829	3830-3834	3835-3839	3840-3844	3845-3849	3850-3854	3855-3859	3860-3864	3865-3869	3870-3874	3875-3879	3880-3884	3885-3889	3890-3894	3895-3899	3900-3904	3905-3909	3910-3914	3915-3919	3920-3924	3925-3929	3930-3934	3935-3939	3940-3944	3945-3949	3950-3954	3955-3959	3960-3964	3965-3969	3970-3974	3975-3979	3980-3984	3985-3989	3990-3994	3995-3999	4000-4004	4005-4009	4010-4014	4015-4019	4020-4024	4025-4029	4030-4034	4035-4039	4040-4044	4045-4049	4050-4054	4055-4059	4060-4064	4065-4069	4070-4074	4075-4079	4080-4084	4085-4089	4090-4094	4095-4099	4100-4104	4105-4109	4110-4114	4115-4119	4120-4124	4125-4129	4130-4134	4135-4139	4140-4144	4145-4149	4150-4154	4155-4159	4160-4164	4165-4169	4170-4174	4175-4179	4180-4184	4185-4189	4190-4194	4195-4199	4200-4204	4205-4209	4210-4214	4215-4219	4220-4224	4225-4229	4230-4234	4235-4239	4240-4244	4245-4249	4250-4254	4255-4259	4260-4264	4265-4269	4270-4274	4275-4279	4280-4284	4285-4289	4290-4294	4295-4299	4300-4304	4305-4309	4310-4314	4315-4319	4320-4324	4325-4329	4330-4334	4335-4339	4340-4344	4345-4349	4350-4354	4355-4359	4360-4364	4365-4369	4370-4374	4375-4379	4380-4384	4385-4389	4390-4394	4395-4399	4400-4404	4405-4409	4410-4414	4415-4419	4420-4424	4425-4429	4430-4434	4435-4439	4440-4444	4445-4449	4450-4454	4455-4459	4460-4464	4465-4469	4470-4474	4475-4479	4480-4484	4485-4489	4490-4494	4495-4499	4500-4504	4505-4509	4510-4514	4515-4519	4520-4524	4525-4529	4530-4534	4535-4539	4540-4544	4545-4549	4550-4

Abstract. The authors present a new method for the analysis of the stability of the equilibrium configurations of a rigid body rotating about a fixed point under the influence of gravity. The method is based on the study of the asymptotic properties of the solutions of the equations of motion. It is shown that the proposed method makes it possible to obtain more complete results than those obtained by the classical methods of Lyapunov and Dirichlet. In particular, it is shown that the conditions for the stability of the equilibrium configurations of a rigid body rotating about a fixed point under the influence of gravity are satisfied for a wider class of bodies than previously known.

*150 APPLIED IN KG./CM. ²												
DIRECTION OF GRAIN	1-5	6-9	10-15	16-21	22-27	28-33	34-39	40-45	46-51	52-57	58-63	64-69
	T											WATER
	K											K
S	1.5	1.5	1.5		1.5							1.5
SSC	1.5	1.5	1.5									1.5
S	1.5	1.5		1.5								1.5
SSC	1.5	1.5	1.5									1.5
S	1.5	1.5	1.5									1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5	1.5	1.5								1.5
SSC	1.5	1.5	1.5	1.5								1.5
S	1.5	1.5										

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

U.S. NAVAL CLIMATOLOGY BRANCH
 1345 E. 12th Ave.
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 240601 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 1947
 MONTH: SEP. HOURS: 0000-0500

| WIND SPEED IN KNOTS | | | | | | | | | | | | | |
|------------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| DIRECTION
(000-090) | 1-7 | 8-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-40 | 41-47 | 48-55 | 56-66 | TOTAL | MEAN | |
| | | | | | | | | | | | | | |
| N | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| NNE | 1.7 | 1.7 | | | | | | | | | 3.4 | 1.7 | |
| N | 1.7 | 1.7 | | 1.7 | | | | | | | 5.1 | 1.7 | |
| NNW | 1.7 | 1.7 | | | | | | | | | 3.4 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | | | | | | | | | 3.4 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| E | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | 6.8 | 1.7 | |
| ESE | 1.7 | 1.7 | 1.7 | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTHS: ALL HOURS: ALL

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND
SPEED |
|------------------------|---------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56-63 | 64-70 |
| N | 1.5 | 1.5 | | | | | | | | | 3.0 | 1.0 |
| NNE | 1.7 | 1.1 | 1.4 | | | | | | | | 4.2 | 4.2 |
| NE | 1.4 | 1.1 | | | | | | | | | 2.5 | 4.0 |
| ENE | 1.7 | 1.5 | 1.4 | | 1.9 | | | | | | 6.5 | 5.5 |
| E | 2.9 | 2.5 | 1.4 | 1.4 | | | | | | | 8.2 | 5.4 |
| ESE | 1.5 | 1.7 | | 1.7 | | | | | | | 5.9 | 4.5 |
| SE | 1.9 | 1.1 | 1.4 | | | | | | | | 4.4 | 5.4 |
| SSE | 1.4 | 1.1 | 1.7 | 1.4 | | | | | | | 5.6 | 5.4 |
| S | 1.5 | 1.1 | 1.1 | 1.1 | | | | | | | 4.8 | 4.5 |
| SSW | 1.1 | 1.7 | 1.1 | 1.4 | | | | 1.4 | | | 5.7 | 5.4 |
| SW | 1.1 | 1.7 | 1.4 | 1.7 | 1.9 | | | | | | 7.8 | 5.4 |
| WSW | 1.1 | 1.1 | 1.4 | 1.7 | 1.4 | | | | | | 6.6 | 5.4 |
| W | 1.1 | 1.1 | 1.4 | 1.7 | 1.4 | | | | | | 6.6 | 5.4 |
| WNW | 1.1 | 1.1 | 1.4 | 1.7 | 1.4 | | | | | | 6.6 | 5.4 |
| NW | 1.1 | 1.1 | 1.4 | 1.7 | 1.4 | | | | | | 6.6 | 5.4 |
| NNW | 1.1 | 1.1 | 1.4 | 1.7 | 1.4 | | | | | | 6.6 | 5.4 |

.....

.....

.....

.....

.....

GLOBAL CLIMATE DIVISION BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND DIRECTION AND SPEED
 USAFETAC
 AIR WEATHER SERVICE/ZMAC

STATION NUMBER: ZH0640 STATION NAME: LUNEN GAP STAR

DATE: 10/10/70
 TIME: 1200Z

| DIRECTION
(DEGREES) | WIND SPEED (KNOTS) | | | | | | TOTAL | AVERAGE |
|------------------------|--------------------|------|------|-------|-------|-------|-------|---------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | | |
| N | 1.4 | 1.9 | 1.7 | | | | 5.0 | 1.7 |
| NNE | | 1.7 | 1.7 | | | | 3.4 | 1.7 |
| NE | 2.7 | 1.7 | 1.7 | 1.7 | | | 7.8 | 1.9 |
| ENE | 1.7 | 1.9 | 1.7 | 1.7 | | | 7.0 | 1.9 |
| E | 1.9 | 1.9 | 1.3 | 1.7 | | | 6.8 | 1.7 |
| ESE | 1.0 | 1.9 | 1.7 | 1.7 | | | 6.3 | 1.7 |
| SE | | 1.9 | 1.7 | 1.7 | | | 5.3 | 1.7 |
| SSE | 1.7 | 1.1 | 1.9 | 1.7 | | | 6.3 | 1.7 |
| S | 1.4 | 1.1 | 2.7 | 1.9 | | | 6.1 | 1.7 |
| SSW | 1.7 | 1.1 | 1.7 | 1.7 | | | 6.2 | 1.7 |
| SW | 1.0 | 1.9 | 1.7 | 1.7 | | | 6.3 | 1.7 |
| WSW | 1.7 | 2.7 | 1.7 | 1.9 | | | 8.0 | 1.7 |
| W | 1.7 | 1.1 | 2.9 | 1.7 | 1.7 | | 10.7 | 1.9 |
| WNW | 1.9 | 1.7 | 1.9 | 1.7 | 1.7 | | 8.9 | 1.9 |
| NW | 1.7 | 1.9 | 1.9 | 1.7 | | | 6.1 | 1.7 |
| NNW | 1.9 | 2.7 | 1.7 | | | | 6.3 | 1.7 |
| VARIABLE | | | | | | | 5.8 | 1.7 |
| CALM | | | | | | | 100.0 | 1.7 |
| TOTALS | 16.7 | 45.5 | 22.9 | 14.5 | 3.4 | | | |

TOTAL NUMBER OF OBSERVATIONS: 294

CLIMATE DIVISION, U.S. AIR FORCE
 DATA
 AIR WEATHER SERVICE/MAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 242410 STATION NAME: LENOIRA SR

PERIOD OF RECORD: 79-87
 MONTH: SEP HOURS: 10-14

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1-7 | 8-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 |
| N | 1.7 | 4.2 | 1.0 | | | | | | | | |
| NNW | | 1.7 | 1.0 | | | | | | | | |
| NW | 1.0 | 1.0 | 1.0 | 1.7 | | | | | | | |
| NNW | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | |
| N | 1.7 | 2.4 | 1.7 | 1.7 | | | | | | | |
| NNW | 1.0 | 2.4 | | 1.7 | | | | | | | |
| N | 1.7 | 1.4 | 1.7 | 1.7 | | | | | | | |
| NNW | 1.7 | 3.1 | 2.1 | 2.1 | 1.7 | | | | | | |
| N | | 2.1 | 3.1 | 1.4 | | | | | | | |
| NNW | 1.0 | 2.4 | 4.5 | 1.7 | | | | | | | |
| N | 1.7 | 5.9 | 3.1 | 1.7 | 1.7 | 1.7 | | | | | |
| NNW | | 4.5 | 2.4 | 2.1 | | | | | | | |
| N | 1.7 | 4.2 | 1.4 | 1.7 | 1.4 | | | | | | |
| NNW | 1.0 | 3.1 | 2.1 | 1.7 | 1.7 | | | | | | |
| N | | 2.1 | 3.1 | 1.7 | | | | | | | |
| NNW | 1.7 | 1.0 | 1.0 | | 1.7 | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | |
| TOTALS | 9.4 | 45.4 | 29.0 | 11.5 | 1.1 | 1.7 | | | | | |

TOTAL NUMBER OF OBSERVATIONS: 286

AD-A198 357

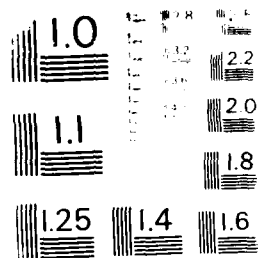
LENINGRAD USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LSSC) PART 2/3 AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB JAN 88
USAFETAC/DS-88/082

2/3

UNCLASSIFIED

F/C 4/2

NL



U.S. GOVERNMENT PRINTING OFFICE: 1963 O - 354-000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS: 1500-1700

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.0 | 2.4 | .7 | | | | | | | | 4.0 | 4.5 |
| NNE | .7 | 2.4 | 1.3 | .3 | | | | | | | 4.7 | 6.4 |
| NE | .3 | .3 | 1.0 | .7 | | | | | | | 2.4 | 7.7 |
| ENE | .3 | 1.7 | .7 | | .3 | | | | | | 3.0 | 6.8 |
| E | .3 | 2.0 | 1.3 | | | | | | | | 3.7 | 6.0 |
| ESE | | 2.7 | .7 | .3 | .3 | | | | | | 4.0 | 7.3 |
| SE | .3 | 2.4 | 1.3 | 1.0 | | | | | | | 5.1 | 7.3 |
| SSE | .3 | 3.7 | 2.0 | 1.0 | | | | | | | 7.1 | 7.5 |
| S | .3 | 2.0 | 4.0 | 2.0 | | | | | | | 8.4 | 8.9 |
| SSW | .3 | 3.0 | 2.7 | 2.0 | .3 | | | | | | 8.4 | 8.8 |
| SW | 1.3 | 3.7 | 3.7 | .7 | .3 | | | | | | 9.8 | 7.0 |
| WSW | .7 | 6.1 | 2.7 | .7 | .3 | .3 | | | | | 10.8 | 7.1 |
| W | 1.3 | 4.0 | 3.7 | 1.3 | | | | | | | 10.4 | 7.4 |
| WNW | .7 | 3.0 | 1.7 | 1.3 | .7 | .3 | | | | | 7.7 | 9.2 |
| NW | .3 | 2.4 | 1.0 | 2.0 | | | | | | | 5.7 | 8.2 |
| NNW | | 1.3 | 1.3 | .3 | | | | | | | 3.0 | 8.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 1.7 | //// |
| TOTALS | 8.4 | 43.1 | 30.0 | 13.8 | 2.4 | .7 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1800-2000

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.7 | 2.1 | 1.7 | .3 | | | | | | | | 5.9 | 5.4 |
| NNE | .7 | .7 | .7 | .7 | | | | | | | | 2.8 | 7.1 |
| NE | 1.4 | 2.1 | 1.4 | | | | | | | | | 4.8 | 5.1 |
| ENE | .3 | 2.1 | .3 | .3 | | | | | | | | 3.1 | 5.9 |
| E | | 2.1 | | | | | | | | | | 2.1 | 4.3 |
| ESE | .3 | 2.1 | .3 | .3 | .3 | | | | | | | 3.4 | 6.5 |
| SE | .7 | .7 | 1.4 | | | | | | | | | 2.8 | 6.0 |
| SSE | .3 | 4.1 | 2.1 | .3 | | | | | | | | 6.9 | 6.4 |
| S | .3 | 2.8 | 3.1 | 1.0 | .3 | | | | | | | 7.6 | 8.2 |
| SSW | .3 | 4.1 | 2.8 | 1.4 | .3 | | | | | | | 9.0 | 8.0 |
| SW | .3 | 3.4 | 4.1 | .7 | | | | | | | | 8.6 | 7.4 |
| WSW | 1.0 | 2.8 | 1.7 | .3 | .3 | .3 | | | | | | 6.6 | 7.6 |
| W | 3.1 | 7.2 | 3.1 | .3 | .3 | | | | | | | 14.1 | 6.0 |
| WNW | 3.1 | 2.8 | .3 | 2.4 | .3 | .3 | | | | | | 9.3 | 7.3 |
| NW | .7 | 2.4 | 1.4 | | | | | | | | | 4.5 | 6.0 |
| NNW | 1.7 | 2.8 | 1.0 | .3 | | | | | | | | 5.9 | 5.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.8 | //// |
| TOTALS | 16.2 | 44.1 | 25.5 | 8.6 | 2.1 | .7 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 2100-2300

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.0 | 1.7 | .7 | | | | | | | | 5.4 | 3.5 |
| NNE | .7 | 2.4 | .3 | | | | | | | | 3.4 | 4.6 |
| NE | .3 | 1.0 | | .3 | | | | | | | 1.7 | 5.6 |
| ENE | .3 | 2.4 | 1.0 | | | | | | | | 3.7 | 5.3 |
| E | 1.0 | 3.4 | | | | | | | | | 4.4 | 4.0 |
| ESE | 1.0 | 2.7 | .7 | .7 | | | | | | | 5.1 | 6.1 |
| SE | 1.0 | 2.4 | .7 | .3 | | | | | | | 4.4 | 5.2 |
| SSE | 1.7 | 3.0 | 1.0 | | | | | | | | 5.7 | 4.5 |
| S | 2.0 | 3.0 | 3.7 | 1.0 | | | | | | | 9.8 | 6.7 |
| SSW | | 5.7 | 4.0 | .3 | | | | | | | 10.1 | 6.7 |
| SW | 1.3 | 3.0 | 1.0 | .7 | .3 | | | | | | 6.4 | 6.2 |
| WSW | .7 | 1.7 | 3.4 | .3 | | .3 | | | | | 6.4 | 8.3 |
| W | 2.7 | 4.4 | 2.7 | 1.0 | | | | | | | 10.8 | 6.1 |
| WNW | 1.0 | 1.7 | .3 | .3 | .3 | | | | | | 3.7 | 6.1 |
| NW | 2.4 | 1.7 | .7 | .3 | | | | | | | 5.1 | 4.7 |
| NNW | .7 | 1.0 | .7 | .7 | | | | | | | 3.0 | 6.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 11.1 | //// |
| TOTALS | 19.9 | 41.1 | 20.9 | 6.1 | .7 | .3 | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7A-87
MONTH: SEP HOURS(1ST): ALL

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.4 | 2.4 | .7 | .1 | | | .0 | | | | | 4.5 | 4.8 |
| NNE | .5 | 1.5 | .6 | .1 | | | | | | | | 2.7 | 5.5 |
| NE | .9 | 1.2 | .5 | .3 | | | | | | | | 2.9 | 5.3 |
| NNE | .5 | 1.6 | .5 | .2 | .1 | | | | | | | 2.9 | 5.8 |
| E | 1.2 | 2.7 | .4 | .2 | | | | | | | | 4.5 | 4.8 |
| ESE | 1.1 | 2.9 | .4 | .4 | .1 | | | | | | | 4.9 | 5.3 |
| SE | 1.0 | 2.0 | .8 | .3 | | | | | | | | 4.1 | 5.5 |
| SSE | .7 | 4.5 | 1.2 | .6 | .0 | | | | | | | 7.0 | 6.1 |
| S | 1.0 | 3.0 | 2.8 | 1.3 | .0 | | | | | | | 8.2 | 7.3 |
| SSW | .6 | 4.2 | 3.1 | .9 | .1 | | .0 | | | | | 9.0 | 7.3 |
| SW | .8 | 3.4 | 2.9 | .6 | .2 | .0 | | | | | | 7.9 | 7.1 |
| WSW | .8 | 3.1 | 2.6 | 1.2 | .2 | .1 | | | | | | 8.1 | 7.6 |
| W | 2.1 | 4.7 | 2.8 | .9 | .3 | | | | | | | 10.6 | 6.4 |
| WNW | 1.4 | 2.6 | 1.0 | .7 | .3 | .1 | | | | | | 6.2 | 6.7 |
| NW | 1.0 | 2.6 | 1.2 | .4 | | | | | | | | 5.2 | 5.9 |
| NNW | .8 | 1.7 | .8 | .2 | .0 | | | | | | | 3.6 | 5.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 7.6 | //// |
| TOTALS | 15.8 | 44.3 | 22.3 | 8.2 | 1.3 | .3 | .1 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS: 2334

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0000-0200

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.0 | 2.3 | 1.3 | .3 | | | | | | | 5.0 | 5.2 |
| NNE | | .3 | .3 | | | | | | | | .7 | 7.0 |
| NE | | .3 | | | | | | | | | .3 | 4.0 |
| ENE | .3 | 1.0 | .7 | .3 | | | | | | | 2.3 | 7.3 |
| E | 1.7 | 2.0 | 1.7 | | | | | | | | 5.3 | 5.4 |
| ESE | .7 | 1.0 | 1.0 | | | | | | | | 2.6 | 5.3 |
| SE | .7 | 2.3 | .7 | 1.0 | | | | | | | 4.6 | 6.7 |
| SSE | 1.0 | 3.3 | 2.6 | .7 | | | | | | | 7.6 | 6.6 |
| S | .7 | 1.3 | 5.3 | 1.7 | | .3 | | | | | 9.2 | 9.3 |
| SSW | 1.0 | 3.3 | 3.3 | 1.7 | | .3 | | .3 | | | 9.9 | 9.0 |
| SW | .7 | 5.6 | 3.6 | 2.0 | | | | | | | 11.9 | 7.1 |
| WSW | .7 | 2.3 | 2.6 | 1.7 | | | | | | | 7.3 | 7.8 |
| W | 2.3 | 4.0 | 4.3 | 2.3 | .7 | .3 | | | | | 13.9 | 8.0 |
| WNW | .3 | 4.0 | 1.3 | .3 | | | | | | | 5.9 | 6.3 |
| NW | .7 | 3.0 | 1.3 | .3 | | .3 | | | | | 5.6 | 7.7 |
| NNW | .3 | 1.7 | 1.3 | 1.3 | | | | | | | 4.6 | 8.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 3.3 | //// |
| TOTALS | 11.9 | 37.6 | 31.4 | 13.5 | .7 | 1.3 | | .3 | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS: 0300-0500

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .7 | 1.6 | .3 | .3 | | | | | | | 2.9 | 5.8 |
| NNE | | .3 | 1.0 | | | | | | | | 1.3 | 4.0 |
| NE | .3 | .7 | .7 | | | | | | | | 1.6 | 6.4 |
| ENE | .7 | | .7 | | | | | | | | 1.3 | 5.5 |
| E | | 2.3 | 1.6 | | | | | | | | 3.9 | 6.2 |
| ESE | .3 | 2.3 | 1.6 | | | | | | | | 4.2 | 7.1 |
| SE | .7 | 2.0 | .3 | .7 | | | | | | | 3.6 | 5.8 |
| SSE | | 4.2 | 2.3 | .7 | | | | | | | 7.2 | 7.3 |
| S | | 1.6 | 3.6 | 1.0 | | | | | | | 6.2 | 9.1 |
| SSW | 1.0 | 6.8 | 2.9 | 2.6 | | | | | | | 13.4 | 7.3 |
| SW | .3 | 2.3 | 3.9 | 2.0 | | | | | | | 8.5 | 8.6 |
| WSW | 1.3 | 1.6 | 4.6 | 2.0 | | | | | | | 9.4 | 8.2 |
| W | 3.7 | 3.6 | 2.3 | 2.0 | | .3 | | | | | 11.4 | 7.0 |
| WNW | 2.6 | 3.9 | 1.3 | 1.6 | | .3 | | | | | 9.8 | 6.4 |
| NW | .3 | 2.0 | 2.3 | .3 | | | .3 | | | | 5.2 | 8.3 |
| NNW | .7 | 2.0 | 1.3 | 1.0 | | | | | | | 4.9 | 7.6 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 5.2 | //// |
| TOTALS | 12.1 | 37.1 | 30.6 | 14.0 | | .7 | .3 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0600-0800

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .7 | 1.3 | .3 | .7 | | | | | | | 1.0 | 6.9 |
| NNE | .3 | .7 | .7 | | | | | | | | 1.7 | 6.0 |
| NE | 1.0 | .7 | .3 | | | | | | | | 2.0 | 4.0 |
| ENE | .3 | .7 | | | | | | | | | 1.0 | 4.0 |
| E | .7 | 2.3 | 1.0 | | | | | | | | 4.0 | 5.0 |
| ESE | .3 | 3.7 | 1.0 | | | | | | | | 5.0 | 5.3 |
| SE | 1.3 | 1.7 | 1.3 | .7 | .3 | | | | | | 5.4 | 7.1 |
| SSE | 1.0 | 3.7 | 1.7 | .3 | | | | | | | 6.7 | 5.9 |
| S | .7 | 3.0 | 4.3 | 2.0 | | | | .3 | | | 10.0 | 9.1 |
| SSW | 1.0 | 3.7 | 4.0 | 1.3 | .3 | | | | | | 10.4 | 7.6 |
| SW | | 3.0 | 3.7 | 1.7 | | | | | | | 8.4 | 8.2 |
| WSW | .7 | 2.7 | 1.3 | 2.3 | | | | | | | 7.0 | 8.2 |
| W | 1.7 | 4.3 | 3.0 | 2.0 | .3 | | | | | | 11.4 | 7.7 |
| WNW | 1.0 | 2.7 | 2.7 | .3 | .7 | .3 | | | | | 7.7 | 8.1 |
| NW | .3 | 2.0 | 1.7 | .7 | .3 | | | | | | 5.0 | 8.1 |
| NNW | 1.0 | 3.0 | 1.3 | 1.3 | | | | | | | 6.7 | 7.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 4.7 | //// |
| TOTALS | 11.7 | 39.1 | 28.4 | 13.4 | 2.0 | .3 | | .3 | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0900-1100

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | | 1.0 | .3 | .7 | | | | | | | | 2.0 | 8.0 |
| NNE | | .3 | .3 | .3 | | | | | | | | 1.0 | 9.1 |
| NE | .7 | 1.0 | | .3 | | | | | | | | 2.0 | 9.7 |
| ENE | .3 | 1.0 | .7 | | | | | | | | | 2.0 | 1.1 |
| E | .7 | 2.3 | 1.0 | | | | | | | | | 3.9 | 5.4 |
| ESE | .3 | 4.3 | .7 | | | | | | | | | 5.2 | 5.5 |
| SE | | 2.6 | 1.6 | .7 | | | | | | | | 4.9 | 7.3 |
| SSE | .3 | 4.3 | 2.6 | 1.6 | .3 | | | | | | | 9.2 | 7.7 |
| S | .7 | 3.6 | 5.6 | 1.3 | .3 | | | | | | | 11.5 | 8.1 |
| SSW | .3 | 2.3 | 6.6 | 2.0 | | | | | | | | 11.1 | 9.0 |
| SW | 1.0 | 4.6 | 2.6 | 1.3 | | | | | | | | 9.5 | 7.1 |
| WSW | 1.0 | 1.0 | 4.3 | 2.0 | | | | | | | | 8.2 | 8.7 |
| W | 1.0 | 4.9 | 2.3 | 1.3 | .3 | | | | | | | 9.8 | 7.2 |
| WNW | 1.0 | 3.3 | 1.6 | .7 | | .3 | | | | | | 6.9 | 7.4 |
| NW | | 3.6 | 1.3 | .7 | | | | | | | | 5.6 | 7.2 |
| NNW | .7 | 1.3 | 1.6 | 1.6 | | | | | | | | 5.2 | 8.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.0 | //// |
| TOTALS | 7.9 | 41.3 | 33.1 | 14.4 | 1.0 | .3 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS: 705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1200-1400

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | | 1.0 | 1.3 | 1.0 | | | | | | | 3.3 | 9.4 |
| NNE | | 1.3 | .7 | | | | | | | | 2.0 | 5.7 |
| NE | .7 | | .7 | | | | | | | | 1.3 | 5.5 |
| ENE | .7 | .7 | .3 | | | | | | | | 1.7 | 4.4 |
| E | .7 | 1.7 | .7 | .3 | | | | | | | 3.3 | 5.8 |
| ESE | | 2.6 | 2.3 | | | | | | | | 4.9 | 6.5 |
| SE | 1.0 | 2.0 | 2.0 | .7 | | | | | | | 5.6 | 6.7 |
| SSE | .3 | 1.7 | 2.3 | 1.7 | 1.3 | | | | | | 7.3 | 10.5 |
| S | .3 | 3.0 | 5.3 | 4.0 | | | | | | | 12.6 | 9.1 |
| SSW | | 2.3 | 4.3 | 4.0 | .3 | | | | | | 10.9 | 10.4 |
| SW | 1.7 | 4.0 | 2.0 | 2.0 | | | | | | | 9.6 | 7.4 |
| WSW | .3 | 2.3 | 3.3 | 1.7 | | | | | | | 7.6 | 8.3 |
| W | | 4.0 | 3.0 | 1.7 | 1.0 | | | | | | 9.6 | 9.1 |
| WNW | .3 | 4.0 | 1.7 | 1.7 | .3 | | | | | | 7.9 | 8.3 |
| NW | | 1.7 | 1.7 | 1.7 | .3 | .3 | | | | | 5.6 | 10.4 |
| NNW | .3 | 1.7 | 2.3 | 1.7 | | | | | | | 6.0 | 9.6 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | .7 | //// |
| TOTALS | 6.3 | 33.8 | 33.8 | 21.9 | 3.3 | .3 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1500-1700

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND
KNOTS |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .3 | 1.0 | 1.0 | 1.0 | | | | | | | 3.3 | 8.2 |
| NNE | | 1.6 | .7 | 1.3 | | | | | | | 3.6 | 8.0 |
| NE | .3 | 1.3 | .3 | | | | | | | | 2.0 | 6.0 |
| ENE | | 1.0 | .3 | | | | | | | | 1.3 | 6.0 |
| E | .7 | 2.6 | .3 | .7 | | | | | | | 4.2 | 8.2 |
| ESE | | 1.3 | 2.0 | | | | | | | | 3.3 | 7.2 |
| SE | | 1.6 | 1.0 | .3 | | | | | | | 2.9 | 6.0 |
| SSE | | 3.6 | 1.6 | 2.6 | .3 | | | | | | 8.2 | 9.0 |
| S | .7 | 2.9 | 4.2 | 3.3 | | | | | | | 11.1 | 8.7 |
| SSW | .3 | 2.3 | 2.6 | 3.6 | .7 | | | | | | 9.5 | 9.0 |
| SW | .7 | 2.9 | 2.6 | 2.6 | | | | | | | 8.8 | 8.2 |
| WSW | | 4.6 | 1.6 | 3.3 | | | | | | | 9.5 | 8.3 |
| W | 1.0 | 2.3 | 3.9 | 2.6 | .3 | | | | | | 10.1 | 8.7 |
| WNW | 1.3 | 2.0 | 2.9 | 2.0 | 1.0 | | | | | | 9.2 | 9.3 |
| NW | | 2.0 | 3.3 | 2.0 | .7 | .3 | | | | | 8.2 | 10.4 |
| NNW | | 1.6 | 1.6 | .7 | | | | | | | 3.9 | 7.8 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 1.0 | //// |
| TOTALS | 5.2 | 34.6 | 30.1 | 25.8 | 2.9 | .3 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1800-2000

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56 | |
| N | .3 | 1.3 | 2.0 | .7 | .3 | | | | | | 4.7 | 6.4 |
| NNE | | .3 | .3 | | | | | | | | .7 | 1.7 |
| NE | | 2.0 | .7 | .3 | | | | | | | 3.0 | 5.7 |
| ENE | .3 | 1.3 | | | | | | | | | 1.6 | 3.6 |
| E | .3 | 3.3 | 1.3 | .7 | | | | | | | 5.7 | 6.4 |
| ESE | | 2.3 | 1.3 | | | | | | | | 3.7 | 5.4 |
| SE | | 2.7 | 1.3 | .7 | | | | | | | 4.7 | 7.4 |
| SSE | .7 | 2.7 | 1.7 | 1.3 | | | | | | | 6.3 | 6.9 |
| S | .3 | 4.0 | 6.0 | 2.0 | | | | | | | 12.3 | 9.1 |
| SSW | | 3.3 | 2.3 | 3.0 | | | | | | | 8.7 | 9.7 |
| SW | | 1.7 | 2.7 | 2.0 | | | | | | | 6.3 | 9.4 |
| WSW | 2.0 | 3.3 | 3.0 | 1.3 | | | | | | | 9.7 | 6.5 |
| W | 1.7 | 4.3 | 3.7 | 1.7 | .3 | | .3 | | | | 12.7 | 9.1 |
| WNW | .7 | 3.3 | 1.0 | 1.7 | | | | | | | 6.3 | 7.7 |
| NW | 1.0 | 2.3 | 2.7 | .3 | | | | | | | 6.3 | 6.5 |
| NNW | 1.3 | 2.0 | 2.0 | 1.0 | | | | | | | 6.3 | 6.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 1.7 | //// |
| TOTALS | 8.3 | 40.3 | 32.0 | 16.7 | .7 | | .3 | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS: 0100-2100

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56-66 | | |
| N | .7 | 1.7 | 1.3 | .3 | | | | | | | | 4.0 | 6.2 |
| NNE | 1.0 | .7 | .3 | .3 | | | | | | | | 2.3 | 5.1 |
| NE | | .7 | .3 | | | | | | | | | 1.0 | 4.7 |
| ENE | .3 | | 1.0 | | | | | | | | | 1.3 | 7.5 |
| E | 1.0 | 3.6 | 1.0 | | | | | | | | | 5.6 | 4.2 |
| ESE | .3 | 2.6 | 2.0 | | | | | | | | | 5.0 | 5.7 |
| SE | .3 | 1.3 | 1.7 | .3 | | | | | | | | 3.6 | 7.1 |
| SSE | .7 | 3.0 | 1.0 | 1.3 | | | | | | | | 5.9 | 7.1 |
| S | .3 | 2.6 | 5.0 | 2.0 | .3 | | | | | | | 10.2 | 8.5 |
| SSW | .7 | 5.3 | 4.0 | 2.0 | | | .3 | | | | | 12.2 | 9.0 |
| SW | | 5.6 | 1.7 | 2.3 | .3 | .3 | | | | | | 10.2 | 8.5 |
| WSW | .3 | 3.0 | 3.0 | 1.3 | | | | | | | | 7.6 | 7.7 |
| W | 1.0 | 3.6 | 4.6 | 1.3 | .3 | | .3 | | | | | 11.2 | 9.6 |
| WNW | .7 | 1.7 | .3 | .3 | | | | | | | | 3.0 | 5.6 |
| NW | .7 | 3.3 | 1.3 | 1.7 | | | | | | | | 6.9 | 7.4 |
| NNW | .7 | 2.3 | 2.3 | 1.3 | .3 | | | | | | | 6.9 | 8.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 3.0 | //// |
| TOTALS | 9.6 | 40.9 | 30.7 | 19.5 | 1.3 | .3 | .7 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS: 103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS/LSIT: ALL

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | .5 | 1.4 | 1.0 | .6 | .0 | | | | | | | 3.5 | 7.2 |
| NNE | .2 | .7 | .5 | .2 | | | | | | | | 1.6 | 6.9 |
| NE | .4 | .8 | .4 | .1 | | | | | | | | 1.6 | 5.5 |
| ENE | .4 | .7 | .5 | .0 | | | | | | | | 1.6 | 5.5 |
| E | .7 | 2.5 | 1.1 | .2 | | | | | | | | 4.5 | 5.6 |
| ESE | .2 | 2.5 | 1.5 | | | | | | | | | 4.2 | 5.0 |
| SE | .5 | 2.0 | 1.2 | .6 | .0 | | | | | | | 4.4 | 7.0 |
| SSE | .5 | 3.3 | 2.0 | 1.3 | .2 | | | | | | | 7.7 | 7.7 |
| S | .4 | 2.8 | 4.9 | 2.1 | .1 | .0 | | .0 | | | | 10.4 | 8.7 |
| SSW | .5 | 3.7 | 3.8 | 2.5 | .2 | .0 | .0 | .0 | | | | 10.8 | 8.7 |
| SW | .5 | 3.7 | 2.8 | 1.0 | .0 | .0 | | | | | | 9.2 | 8.0 |
| WSW | .8 | 2.6 | 3.0 | 1.9 | | | | | | | | 8.3 | 8.0 |
| W | 1.5 | 3.9 | 3.4 | 1.9 | .4 | .1 | .1 | | | | | 11.2 | 8.0 |
| WNW | .9 | 3.1 | 1.6 | 1.1 | .2 | .1 | | | | | | 7.1 | 7.6 |
| NW | .4 | 2.5 | 1.9 | .9 | .2 | .1 | .0 | | | | | 6.1 | 8.3 |
| NNW | .6 | 1.9 | 1.7 | 1.2 | .0 | | | | | | | 5.6 | 7.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.7 | //// |
| TOTALS | 9.0 | 38.1 | 31.3 | 16.8 | 1.5 | .5 | .2 | .1 | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS: 2425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0000-0200

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .7 | 2.1 | .3 | 1.0 | | | | | | | 4.1 | 6.5 |
| NNE | .3 | .7 | 2.1 | | | | | | | | 3.1 | 7.6 |
| NE | 1.4 | .7 | | .3 | | | | | | | 2.4 | 4.3 |
| ENE | | 1.0 | .3 | | | | | | | | 1.4 | 6.5 |
| E | .3 | 2.1 | | | | | | | | | 2.4 | 4.6 |
| ESE | .3 | 2.1 | 1.4 | .3 | | | | | | | 4.1 | 6.8 |
| SE | .3 | 1.4 | 1.7 | .7 | .3 | | | | | | 4.5 | 8.4 |
| SSE | | 2.4 | 3.1 | 1.4 | | | | | | | 6.8 | 8.5 |
| S | 1.0 | 4.8 | 5.5 | 2.7 | .7 | .3 | | | | | 15.1 | 8.8 |
| SSW | .7 | 2.1 | 6.5 | 3.4 | 1.0 | | | | | | 12.7 | 9.8 |
| SW | .7 | 2.7 | 2.1 | 2.4 | | | | | | | 7.9 | 8.5 |
| WSW | .3 | 3.8 | 4.1 | 2.1 | | | | | | | 10.3 | 8.1 |
| W | .7 | 2.4 | 1.4 | 1.7 | .7 | | | | | | 6.8 | 9.4 |
| WNW | .3 | 1.4 | 1.7 | 2.1 | .7 | .3 | | | | | 5.5 | 11.4 |
| NW | | 1.4 | 1.4 | 1.0 | .7 | | | | | | 4.5 | 9.7 |
| NNW | .7 | 2.4 | .3 | .7 | | | | | | | 4.1 | 6.3 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 2.4 | //// |
| TOTALS | 7.9 | 33.2 | 31.8 | 19.9 | 4.1 | .7 | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0300-0500

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | | 1.7 | 1.4 | .3 | | | | | | | 3.4 | 7.2 |
| NNE | .3 | .3 | .3 | .7 | | | | | | | 1.7 | 7.5 |
| NE | | 2.1 | | | | | | | | | 2.1 | 4.3 |
| ENE | .7 | 1.7 | | .3 | | | | | | | 2.7 | 5.3 |
| E | .3 | 1.4 | .7 | | | | | | | | 2.4 | 6.3 |
| ESE | | 2.4 | 1.4 | .3 | | | | | | | 4.1 | 7.0 |
| SE | | 1.0 | .7 | .3 | | | | | | | 2.1 | 8.0 |
| SSE | | 3.1 | 3.8 | 1.0 | .7 | | | | | | 8.6 | 9.0 |
| S | .3 | 5.5 | 5.1 | 2.7 | 1.0 | | | | | | 14.7 | 8.9 |
| SSW | .3 | 5.1 | 6.5 | 3.1 | .3 | | | | | | 15.4 | 8.6 |
| SW | | 3.4 | 2.4 | 2.1 | .3 | | | | | | 8.2 | 8.7 |
| WSW | | 2.4 | 3.1 | 1.7 | .7 | | | | | | 7.9 | 9.5 |
| W | 1.7 | 1.7 | 1.4 | 2.7 | 1.4 | | | | | | 8.9 | 9.8 |
| WNW | .7 | 1.7 | 1.7 | 1.4 | .7 | | | | | | 6.2 | 9.2 |
| NW | 1.0 | 1.7 | 1.7 | .7 | .3 | | | | | | 5.5 | 7.1 |
| NNW | .3 | 1.0 | 1.7 | .7 | | | | | | | 3.8 | 8.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 2.4 | //// |
| TOTALS | 5.8 | 36.3 | 31.8 | 18.2 | 5.5 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0600-0800

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | .7 | 2.1 | .7 | .3 | | | | | | | | 3.8 | 5.3 |
| NNE | .7 | 1.4 | 1.4 | .3 | | | | | | | | 3.4 | 6.8 |
| NE | | .3 | | | | | | | | | | .3 | 4.0 |
| ENE | .7 | .7 | .3 | .3 | | | | | | | | 2.1 | 6.3 |
| E | 1.0 | 2.4 | .3 | | | | | | | | | 3.8 | 4.2 |
| ESE | | 2.7 | 1.7 | .3 | | | | | | | | 4.8 | 7.7 |
| SE | | 1.0 | 1.4 | .3 | .3 | .3 | | | | | | 3.4 | 11.2 |
| SSE | | 2.1 | 2.7 | .7 | .3 | | | | | | | 5.8 | 6.6 |
| S | .3 | 4.5 | 7.2 | 4.1 | .7 | | | | | | | 16.8 | 9.7 |
| SSW | | 3.4 | 4.8 | 3.8 | .3 | .3 | | | | | | 12.7 | 9.6 |
| SW | .7 | 1.0 | 4.5 | 1.4 | .3 | | | | | | | 7.9 | 9.2 |
| WSW | 1.0 | 2.1 | 3.1 | 2.1 | | | | | | | | 8.2 | 7.8 |
| W | .3 | 3.4 | 2.7 | 2.4 | 1.0 | | | | | | | 9.9 | 9.8 |
| WNW | 1.4 | .7 | 2.1 | 1.7 | | | | | | | | 5.8 | 6.2 |
| NW | .3 | 1.4 | 1.7 | .7 | .3 | | | | | | | 4.5 | 8.5 |
| NNW | | 2.4 | 1.7 | | | | | | | | | 4.1 | 6.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.7 | //// |
| TOTALS | 6.8 | 31.5 | 36.3 | 18.5 | 3.4 | .7 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-96
MONTH: NOV HOURS(LST): 0900-1100

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .3 | 1.7 | 1.0 | .3 | | | | | | | 3.5 | 6.6 |
| NNE | .3 | .7 | .3 | .7 | | | | | | | 2.1 | 7.7 |
| NE | | .3 | .3 | | | | | | | | .7 | 6.0 |
| ENE | | 1.4 | .3 | .3 | | | | | | | 2.1 | 7.0 |
| E | | 1.4 | .3 | .3 | | | | | | | 2.1 | 6.3 |
| ESE | .3 | 2.1 | 1.4 | .3 | | | | | | | 4.2 | 6.8 |
| SE | 1.0 | 1.4 | 1.7 | .7 | .3 | | | | | | 5.2 | 8.1 |
| SSE | .3 | 4.2 | 3.8 | 2.4 | | | | | | | 10.7 | 8.4 |
| S | | 3.5 | 5.2 | 3.5 | 1.0 | .3 | | | | | 13.5 | 10.1 |
| SSW | | 2.8 | 6.2 | 2.8 | | | | | | | 11.8 | 9.1 |
| SW | 1.0 | 1.7 | 3.8 | 2.4 | .3 | | | | | | 9.3 | 9.0 |
| WSW | 1.0 | 3.5 | 3.5 | 1.7 | .3 | | | | | | 10.0 | 8.3 |
| W | 1.0 | 1.7 | 3.1 | 1.7 | .7 | | | | | | 8.3 | 9.0 |
| WNW | .7 | .7 | 2.4 | 1.4 | | .3 | | | | | 5.5 | 9.6 |
| NW | | 2.1 | 1.4 | .7 | | | | | | | 4.2 | 7.8 |
| NNW | .3 | 1.4 | 2.4 | .7 | | | | | | | 4.8 | 8.3 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 2.1 | //// |
| TOTALS | 6.6 | 30.4 | 37.4 | 20.1 | 2.8 | .7 | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1700-1400

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | | 1.4 | 1.7 | .3 | | | | | | | 3.4 | 7.4 |
| NNE | | .3 | 1.7 | .7 | | | | | | | 2.7 | 9.3 |
| NE | | .3 | | .3 | | | | | | | .7 | 6.0 |
| ENE | | 1.4 | .7 | | | | | | | | 2.0 | 6.8 |
| E | | 1.7 | .7 | .3 | | | | | | | 2.7 | 7.3 |
| ESE | | .7 | .3 | 1.0 | | | | | | | 2.0 | 10.0 |
| SE | .7 | .7 | 2.0 | 1.0 | | | | | | | 4.4 | 7.8 |
| SSE | .3 | 2.4 | 2.7 | 3.1 | | | | | | | 8.5 | 9.4 |
| S | .3 | 3.1 | 6.4 | 4.4 | 1.0 | .3 | | | | | 15.6 | 10.2 |
| SSW | .3 | 4.1 | 4.7 | 4.4 | .7 | | | | | | 14.2 | 9.5 |
| SW | | 3.1 | 3.1 | 3.7 | | | | | | | 9.8 | 9.5 |
| WSW | .3 | 2.7 | 2.0 | 2.0 | .7 | | | | | | 7.8 | 9.5 |
| W | .7 | 1.0 | 2.4 | 3.1 | 1.7 | | | | | | 8.8 | 11.4 |
| WNW | | 2.7 | 1.4 | 1.4 | .3 | | | | | | 5.8 | 8.8 |
| NW | | 1.0 | 3.7 | .7 | | .3 | | | | | 5.2 | 9.6 |
| NNW | 1.0 | 1.4 | 2.0 | | | | | | | | 4.4 | 6.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 1.4 | //// |
| TOTALS | 3.7 | 27.8 | 35.6 | 26.4 | 4.4 | .7 | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1500-1700

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .3 | .7 | 1.7 | 1.0 | | | | | | | 3.7 | 8.7 |
| NNE | | .7 | .7 | .3 | | | | | | | 1.7 | 8.9 |
| NE | | .7 | | | | | | | | | .7 | 5.7 |
| ENE | | .3 | .7 | .7 | | | | | | | 1.7 | 10.4 |
| E | .7 | 1.4 | | .3 | | | | | | | 2.4 | 4.9 |
| ESE | .7 | 1.7 | 2.0 | .7 | | | | | | | 5.1 | 7.7 |
| SE | .3 | .3 | 1.4 | .7 | .3 | | | | | | 3.1 | 5.9 |
| SSE | .7 | 2.7 | 2.7 | 3.1 | | | | | | | 9.2 | 8.7 |
| S | .3 | 3.7 | 8.5 | 2.7 | .3 | .3 | | | | | 15.9 | 9.3 |
| SSW | .7 | 1.4 | 6.1 | 3.1 | .3 | | | | | | 11.5 | 5.5 |
| SW | | 3.4 | 5.1 | 1.0 | | | | | | | 9.5 | 7.9 |
| WSW | | 3.1 | 3.4 | 3.4 | .7 | | | | | | 10.5 | 10.1 |
| W | .3 | 1.4 | 3.1 | 1.4 | .7 | .7 | | | | | 7.5 | 11.5 |
| WNW | .7 | 1.7 | 1.7 | 2.4 | | | | | | | 6.4 | 8.9 |
| NW | | 1.4 | 2.4 | 1.0 | .3 | | | | | | 5.1 | 9.4 |
| NNW | | 1.7 | 2.4 | | | | | | | | 4.1 | 7.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 2.0 | //// |
| TOTALS | 4.7 | 26.1 | 41.7 | 21.7 | 2.7 | 1.0 | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1900-2000

| DIRECTION
OF GUST | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|----------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | .3 | 1.7 | 1.0 | 1.4 | | | | | | | | 4.5 | 4.0 |
| NNE | | 1.7 | .3 | | | | | | | | | 2.1 | 5.7 |
| NE | | 1.4 | .3 | | | | | | | | | 1.7 | 5.0 |
| ENE | .3 | 1.0 | | .3 | | | | | | | | 1.7 | 5.0 |
| E | .3 | 1.0 | 1.4 | .3 | | | | | | | | 3.1 | 7.4 |
| ESE | .7 | 2.4 | 1.7 | .7 | | | | | | | | 5.5 | 6.8 |
| SE | | 2.1 | 1.7 | .7 | .3 | | | | | | | 4.8 | 6.0 |
| SSE | .3 | 3.8 | 1.7 | 2.1 | .3 | | | | | | | 8.2 | 6.5 |
| S | .3 | 3.4 | 6.5 | 4.1 | | .7 | | | | | | 15.1 | 9.7 |
| SSW | .3 | 4.5 | 5.2 | 1.7 | .3 | | | | | | | 12.0 | 8.6 |
| SW | .3 | 3.6 | 4.1 | 1.0 | | | | | | | | 9.3 | 7.6 |
| WSW | .3 | 1.4 | 4.1 | 2.1 | .3 | | | | | | | 8.2 | 9.4 |
| W | .3 | 2.1 | 2.7 | 2.7 | .3 | .3 | | | | | | 8.6 | 10.7 |
| WNW | | 1.4 | 2.1 | 1.0 | .3 | .3 | | | | | | 5.2 | 10.7 |
| NW | | 1.7 | 1.0 | 1.4 | .3 | | | | | | | 4.5 | 9.2 |
| NNW | | 1.7 | 2.1 | | | | | | | | | 3.8 | 6.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 1.7 | //// |
| TOTALS | 3.8 | 35.1 | 36.1 | 19.6 | 2.4 | 1.4 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 2100-2300

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .7 | 1.0 | .7 | 1.0 | | | | | | | 3.4 | 7.8 |
| NNE | | .7 | .7 | .3 | | | | | | | 1.7 | 7.2 |
| NE | .3 | 1.4 | .3 | .3 | | | | | | | 2.4 | 7.6 |
| ENE | .7 | 2.4 | | | | | | | | | 3.1 | 4.4 |
| E | .7 | 1.0 | | .3 | | | | | | | 2.0 | 5.0 |
| ESE | | 2.7 | 1.4 | .7 | | | | | | | 4.7 | 7.6 |
| SE | .7 | 2.4 | 1.4 | .3 | .3 | | | | | | 5.1 | 7.1 |
| SSE | .3 | 2.7 | 4.4 | 2.4 | | | | | | | 9.8 | 8.6 |
| S | .7 | 3.7 | 4.1 | 3.1 | .3 | .7 | | | | | 12.5 | 9.7 |
| SSW | | 5.4 | 6.8 | 2.4 | .7 | | | | | | 15.3 | 9.5 |
| SW | | 2.4 | 3.7 | .7 | 1.0 | | | | | | 7.8 | 9.3 |
| WSW | .7 | 1.4 | 3.1 | 1.4 | 1.0 | | | | | | 7.5 | 9.7 |
| W | | 2.4 | 2.7 | 3.4 | .3 | | | | | | 8.9 | 9.8 |
| WNW | .3 | 1.4 | 1.4 | 1.0 | | 1.0 | | | | | 5.1 | 11.5 |
| NW | | 1.7 | 1.0 | 1.0 | .3 | .3 | | | | | 4.4 | 10.3 |
| NNW | .7 | 2.4 | 1.0 | .3 | | | | | | | 4.4 | 6.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 2.0 | //// |
| TOTALS | 5.8 | 34.9 | 32.5 | 18.6 | 4.1 | 2.0 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 250630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(UT): ALL

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND | |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | GE 56 |
| N | .4 | 1.5 | 1.1 | .7 | | | | | | | | 3.7 | 7.2 |
| NNE | .2 | .8 | .9 | .4 | | | | | | | | 2.3 | 7.6 |
| NE | .2 | .9 | .1 | .1 | | | | | | | | 1.4 | 5.3 |
| NNE | .2 | 1.2 | .3 | .3 | | | | | | | | 2.1 | 6.3 |
| E | .4 | 1.5 | .4 | .2 | | | | | | | | 2.6 | 5.7 |
| ESE | .1 | 2.1 | 1.4 | .6 | | | | | | | | 4.3 | 7.3 |
| SE | .4 | 1.3 | 1.5 | .6 | .3 | .7 | | | | | | 4.1 | 8.5 |
| SSE | .1 | 2.9 | 3.1 | 2.0 | .2 | | | | | | | 8.5 | 8.7 |
| S | .4 | 4.0 | 6.1 | 3.4 | .6 | .3 | | | | | | 14.9 | 9.5 |
| SSW | .1 | 3.6 | 5.9 | 3.1 | .5 | .0 | | | | | | 13.3 | 9.1 |
| SW | .1 | 2.7 | 3.6 | 1.8 | .3 | | | | | | | 8.7 | 8.7 |
| WSW | .5 | 2.5 | 3.3 | 2.1 | .5 | | | | | | | 8.8 | 9.0 |
| W | .6 | 2.0 | 2.4 | 2.4 | .9 | .1 | | | | | | 8.5 | 10.2 |
| WNW | .5 | 1.5 | 1.8 | 1.5 | .3 | .3 | | | | | | 5.8 | 9.8 |
| NW | .2 | 1.5 | 1.8 | .9 | .3 | .1 | | | | | | 4.8 | 8.9 |
| NNW | .4 | 1.8 | 1.7 | .3 | | | | | | | | 4.2 | 7.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.1 | //// |
| TOTALS | 5.6 | 31.9 | 35.4 | 20.4 | 3.7 | .9 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS: 2341

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS: 0000-2400

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .3 | 1.0 | .3 | | | | | | | | 1.6 | 4.9 |
| NNE | | .3 | .3 | .3 | | | | | | | 1.0 | 9.1 |
| NE | | 1.6 | .7 | | | | | | | | 2.3 | 6.0 |
| ENE | .7 | 2.9 | 1.0 | .7 | | | | | | | 5.2 | 6.9 |
| E | 1.3 | 2.3 | 1.3 | .7 | | | | | | | 5.6 | 6.1 |
| ESE | .7 | 2.9 | 3.6 | .3 | .3 | | | | | | 7.8 | 7.4 |
| SE | .3 | 1.6 | 2.3 | 1.0 | | | | | | | 5.2 | 7.8 |
| SSE | 1.3 | 2.6 | 1.6 | 1.0 | | | | | | | 6.5 | 6.3 |
| S | .7 | 4.6 | 5.2 | 1.6 | .7 | | | | | | 12.7 | 8.2 |
| SSW | | 2.3 | 2.6 | 1.6 | 1.3 | | | | | | 7.8 | 10.0 |
| SW | .3 | 2.9 | 2.3 | 2.6 | | | | | | | 8.2 | 8.8 |
| WSW | 2.6 | 3.3 | 2.3 | 2.0 | .7 | | | | | | 10.8 | 7.4 |
| W | 2.3 | 1.6 | 2.3 | 2.0 | .7 | | | | | | 8.8 | 8.1 |
| WNW | 1.6 | 2.9 | 1.0 | | .3 | | | | | | 5.9 | 5.4 |
| NW | .7 | 1.0 | 1.6 | 1.0 | | | | | | | 4.2 | 7.8 |
| NNW | .3 | 1.6 | 1.0 | .7 | | | | | | | 3.6 | 7.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 2.6 | //// |
| TOTALS | 13.1 | 35.6 | 29.4 | 15.4 | 3.9 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): 0100-0500

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | .3 | .7 | 1.0 | | | | | | | | | 2.0 | 6.3 |
| NNE | .3 | 1.0 | | | | | | | | | | 1.3 | 4.5 |
| NE | 1.0 | 1.3 | 1.3 | | | | | | | | | 3.6 | 5.2 |
| ENE | .7 | 1.0 | 1.0 | 1.0 | | | | | | | | 3.6 | 6.0 |
| E | | 3.9 | 2.0 | .3 | | | | | | | | 6.2 | 6.9 |
| ESE | .7 | 3.6 | 1.6 | 1.0 | | | | | | | | 6.9 | 7.0 |
| SE | .3 | | 1.0 | .7 | | | | | | | | 2.0 | 3.3 |
| SSE | .3 | 2.6 | 1.3 | 1.0 | | | | | | | | 5.2 | 7.1 |
| S | | 6.5 | 3.9 | 2.3 | 1.0 | | | | | | | 13.7 | 8.5 |
| SSW | .7 | 2.9 | 2.3 | 2.9 | 1.0 | | | | | | | 9.8 | 4.3 |
| SW | .3 | 3.6 | 3.3 | 1.6 | .3 | | | | | | | 9.2 | 6.3 |
| WSW | 1.6 | 2.9 | 2.9 | 2.3 | .3 | | | | | | | 10.1 | 6.1 |
| W | 1.3 | 5.6 | 1.3 | 1.3 | .3 | | | | | | | 9.8 | 6.8 |
| WNW | 1.3 | 1.6 | 1.0 | | .3 | | | | | | | 4.2 | 5.9 |
| NW | .3 | 1.3 | 2.3 | 1.6 | .3 | | | | | | | 5.9 | 6.9 |
| NNW | .7 | .7 | 1.6 | | | | | | | | | 2.6 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 3.9 | //// |
| TOTALS | 9.5 | 39.2 | 27.8 | 16.0 | 3.6 | | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (EST): 0400-2400

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56-66 | |
| N | | 1.0 | 1.3 | | | | | | | | 2.3 | 4.9 |
| NNE | .3 | 1.0 | .3 | | | | | | | | 1.7 | 5.4 |
| NE | .3 | 1.7 | | .7 | | | | | | | 2.7 | 6.0 |
| ENE | .3 | 1.7 | 1.7 | 1.0 | | | | | | | 4.7 | 7.7 |
| E | 1.0 | 3.0 | 2.7 | .7 | | | | | | | 7.4 | 8.6 |
| ESE | | 3.0 | 3.0 | .7 | | | | | | | 6.7 | 7.6 |
| SE | .3 | 1.3 | 1.0 | .7 | | | | | | | 3.4 | 7.4 |
| SSE | | 4.7 | 1.3 | | | | | | | | 6.0 | 8.7 |
| S | .3 | 3.7 | 6.0 | 3.7 | | | | | | | 13.8 | 8.4 |
| SSW | 1.0 | 2.0 | 2.7 | 1.3 | .3 | | | | | | 7.4 | 8.1 |
| SW | .7 | 3.0 | 2.3 | 1.7 | | | | | | | 7.7 | 7.5 |
| WSW | 1.0 | 1.7 | 2.0 | 3.0 | .3 | | | | | | 8.1 | 9.0 |
| W | 1.7 | 2.7 | 1.7 | 2.3 | .3 | | | | | | 8.7 | 8.0 |
| WNW | 2.3 | 3.4 | 2.0 | .3 | | | | | | | 8.1 | 5.3 |
| NW | .7 | 1.0 | 1.0 | 2.3 | | | | | | | 5.0 | 8.3 |
| NNW | .3 | 2.3 | | .3 | | | | | | | 3.0 | 5.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 3.7 | //// |
| TOTALS | 10.4 | 37.7 | 29.2 | 18.5 | 1.0 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (IST): 0000-1100

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | .7 | 2.5 | .4 | | | | | | | | | 3.6 | 5.0 |
| NNE | .4 | .7 | 1.1 | | | | | | | | | 2.1 | 5.7 |
| NF | | 1.4 | .4 | | | | | | | | | 1.8 | 5.6 |
| NNE | .4 | 1.8 | 1.1 | | | | | | | | | 3.3 | 6.0 |
| E | .4 | 1.3 | 1.8 | .7 | | | | | | | | 4.1 | 6.2 |
| ESE | | 3.2 | 3.2 | .4 | | | | | | | | 6.8 | 6.9 |
| SE | .4 | 3.2 | 1.8 | .4 | | | | | | | | 5.8 | 6.5 |
| SSE | .7 | 3.2 | 2.1 | .4 | | | | | | | | 7.0 | 6.5 |
| S | | 2.8 | 4.2 | 2.8 | .4 | | | | | | | 10.2 | 9.4 |
| SSW | .7 | 4.2 | 2.8 | 2.8 | | | | | | | | 10.5 | 8.3 |
| SW | | 2.5 | 3.2 | 1.4 | .7 | | | | | | | 7.7 | 9.5 |
| WSW | 1.4 | 1.4 | 2.5 | 2.5 | | | | | | | | 7.7 | 8.2 |
| W | 2.4 | 4.9 | 1.4 | 1.1 | .4 | .4 | | | | | | 10.9 | 6.5 |
| WNW | 1.1 | 3.2 | 1.1 | 1.1 | | | | | | | | 6.5 | 6.6 |
| NW | .4 | 1.1 | .7 | 1.1 | .4 | | | | | | | 3.5 | 9.7 |
| NNW | .7 | .7 | 1.8 | .4 | | | | | | | | 3.5 | 7.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 1.8 | //// |
| TOTALS | 9.8 | 42.5 | 29.1 | 14.7 | 1.8 | .4 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1200-1400

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | | 1.7 | .3 | | | | | | | | 2.0 | 5.7 |
| NNE | .3 | 1.0 | | | | | | | | | 1.3 | 4.0 |
| NE | .3 | 1.7 | .3 | .3 | | | | | | | 2.6 | 7.0 |
| ENE | | 2.3 | 1.7 | .7 | | | | | | | 4.7 | 7.7 |
| E | .7 | 3.3 | 2.6 | | .3 | | | | | | 7.1 | 7.5 |
| ESE | .7 | 4.3 | 2.0 | .7 | | | | | | | 7.7 | 7.4 |
| SE | .7 | 1.0 | 1.3 | | | | | | | | 3.0 | 6.5 |
| SSE | | 2.6 | 4.6 | | | | | | | | 7.2 | 7.4 |
| S | .3 | 3.0 | 6.0 | 2.3 | .3 | | | | | | 11.9 | 9.1 |
| SSW | .7 | 3.0 | 5.0 | 2.0 | .3 | | | | | | 11.0 | 8.9 |
| SW | .3 | 1.3 | 3.6 | 2.0 | | | | | | | 7.2 | 8.0 |
| WSW | .7 | 2.6 | 2.0 | 2.3 | .3 | | | | | | 7.9 | 8.4 |
| W | .7 | 5.6 | 3.3 | 1.3 | .3 | | | | | | 11.3 | 7.3 |
| WNW | 1.3 | 2.6 | .7 | 1.0 | | | | | | | 5.6 | 6.5 |
| NW | 1.0 | 1.3 | 1.3 | 1.0 | | .3 | | | | | 5.0 | 8.5 |
| NNW | .3 | 1.7 | .7 | .7 | | | | | | | 3.3 | 7.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 1.7 | //// |
| TOTALS | 7.6 | 39.1 | 35.4 | 14.2 | 1.7 | .3 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS: 102

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATION

STATION NUMBER: 260650 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1500-1700

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | .7 | 1.0 | 1.7 | | | | | | | | | 2.9 | 6.2 |
| NNE | .7 | .7 | | .7 | | | | | | | | 1.6 | 7.6 |
| NE | .7 | 2.7 | | | | | | | | | | 2.7 | 4.0 |
| NNE | | 1.5 | 2.0 | .7 | | | | | | | | 3.9 | 7.5 |
| E | .7 | 4.7 | 1.0 | .7 | | | | | | | | 6.7 | 5.6 |
| ESE | .7 | 2.3 | 2.9 | .7 | | | | | | | | 6.5 | 7.1 |
| SE | | 1.7 | 2.3 | .7 | | | | | | | | 4.2 | 7.7 |
| SSE | 1.0 | 2.9 | 2.9 | .7 | | | | | | | | 7.5 | 6.6 |
| S | | 4.6 | 6.2 | 2.0 | .7 | | | | | | | 13.4 | 5.1 |
| SSW | | 2.9 | 2.6 | 2.6 | 1.0 | | | | | | | 9.2 | 10.0 |
| SW | .7 | 2.0 | 3.3 | 1.3 | | | | | | | | 7.2 | 8.0 |
| WSW | .7 | 1.6 | 2.3 | 2.6 | .3 | | | | | | | 7.5 | 7.1 |
| W | 1.0 | 3.9 | 2.6 | 2.3 | .3 | | | | | | | 10.1 | 7.9 |
| WNW | .7 | 3.3 | 2.0 | 1.0 | .3 | | | | | | | 6.9 | 7.9 |
| NW | .7 | 1.6 | 2.3 | 1.3 | | | | | | | | 5.6 | 7.9 |
| NNW | .7 | 1.0 | .3 | | | | | | | | | 1.6 | 5.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.6 | //// |
| TOTALS | 7.2 | 37.3 | 34.0 | 16.3 | 2.6 | | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS: 106

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1800-2000

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .3 | 1.0 | 1.0 | | | | | | | | 2.3 | 5.7 |
| NNE | .7 | 1.3 | .3 | .7 | | | | | | | 2.6 | 7.3 |
| NE | | 1.0 | .7 | .3 | | | | | | | 2.0 | 7.0 |
| ENE | .7 | 1.3 | 1.3 | .3 | | | | | | | 3.3 | 6.8 |
| E | | 4.6 | 2.0 | .3 | | | | | | | 6.9 | 6.3 |
| ESE | | 3.0 | 4.3 | 1.0 | | | | | | | 8.2 | 8.1 |
| SE | .3 | 1.0 | .7 | .3 | | | | | | | 2.3 | 6.9 |
| SSE | | 2.6 | 4.6 | 1.3 | | | | | | | 8.5 | 8.2 |
| S | .3 | 4.6 | 4.3 | 1.3 | .3 | | | | | | 12.8 | 7.8 |
| SSW | .3 | 3.3 | 2.3 | 2.0 | 1.0 | | | | | | 8.9 | 9.3 |
| SW | 1.0 | 3.0 | 3.9 | 2.3 | 1.0 | | | | | | 11.1 | 8.9 |
| WSW | | 1.0 | 3.0 | 2.0 | | | | | | | 5.9 | 10.1 |
| W | 1.6 | 3.6 | 2.6 | 1.6 | .7 | | | | | | 10.2 | 7.7 |
| WNW | 1.3 | 3.9 | 1.0 | 1.0 | | | | | | | 7.2 | 5.7 |
| NW | 1.3 | 1.6 | 2.3 | 1.3 | | | | | | | 6.6 | 7.2 |
| NNW | | 1.0 | .3 | .3 | | | | | | | 1.6 | 7.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 1.6 | //// |
| TOTALS | 7.2 | 37.7 | 34.4 | 16.1 | 3.0 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 2100-2300

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.0 | .7 | | | | | | | | | | 1.6 | 3.2 |
| NNE | .3 | 1.3 | .3 | .3 | | | | | | | | 2.3 | 6.3 |
| NE | .3 | 1.0 | .3 | .3 | | .3 | | | | | | 2.3 | 9.0 |
| ENE | .7 | 2.3 | 1.3 | | | | | | | | | 4.2 | 5.8 |
| E | 1.3 | 3.9 | 1.3 | 1.0 | | | | | | | | 7.5 | 6.1 |
| ESE | 1.0 | 2.0 | 2.9 | | .3 | | | | | | | 6.2 | 6.9 |
| SE | .3 | .7 | 1.0 | .3 | | | | | | | | 2.3 | 6.9 |
| SSE | .7 | 3.3 | 4.6 | 1.0 | | | | | | | | 9.5 | 7.3 |
| S | | 3.9 | 4.6 | 2.6 | .3 | | | | | | | 11.4 | 8.5 |
| SSW | .3 | 2.6 | 4.2 | 2.0 | 1.3 | | | | | | | 10.5 | 9.6 |
| SW | | 3.6 | 4.6 | .7 | .3 | | | | | | | 9.2 | 8.0 |
| WSW | 1.3 | 2.0 | 1.6 | 3.6 | .3 | | | | | | | 8.8 | 9.1 |
| W | 1.3 | 3.9 | 1.6 | 2.0 | .3 | | | | | | | 9.2 | 7.9 |
| WNW | 1.0 | 3.3 | 1.0 | .7 | | | | | | | | 5.9 | 5.9 |
| NW | | .7 | 2.0 | 1.0 | | | | | | | | 3.6 | 9.3 |
| NNW | .3 | 2.0 | | 1.0 | | | | | | | | 3.3 | 7.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.3 | //// |
| TOTALS | 9.8 | 36.9 | 31.4 | 16.3 | 2.9 | .3 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): ALL

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND | |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | GE 56 |
| N | .4 | 1.2 | .7 | | | | | | | | | 2.3 | 5.6 |
| NNE | .3 | .9 | .3 | .2 | | | | | | | | 1.7 | 6.4 |
| NE | .3 | 1.5 | .5 | .2 | | .0 | | | | | | 2.5 | 6.0 |
| ENE | .4 | 1.9 | 1.4 | .5 | | | | | | | | 4.1 | 7.1 |
| E | .7 | 3.8 | 1.8 | .5 | .0 | | | | | | | 6.9 | 6.3 |
| ESE | .5 | 3.0 | 2.9 | .6 | .1 | | | | | | | 7.1 | 7.2 |
| SE | .3 | 1.2 | 1.4 | .5 | | | | | | | | 3.5 | 7.3 |
| SSE | .5 | 3.1 | 2.9 | .7 | | | | | | | | 7.2 | 7.2 |
| S | .2 | 4.2 | 5.1 | 2.3 | .5 | | | | | | | 12.3 | 8.6 |
| SSW | .4 | 2.9 | 3.1 | 2.2 | .8 | | | | | | | 9.3 | 9.2 |
| SW | .4 | 2.7 | 3.3 | 1.7 | .3 | | | | | | | 8.5 | 8.5 |
| WSW | 1.2 | 2.1 | 2.3 | 2.5 | .3 | | | | | | | 8.4 | 8.7 |
| W | 1.6 | 4.0 | 2.1 | 1.7 | .4 | .0 | | | | | | 9.9 | 7.5 |
| WNW | 1.3 | 3.0 | 1.2 | .6 | .1 | | | | | | | 6.3 | 6.1 |
| NW | .6 | 1.2 | 1.7 | 1.3 | .1 | .0 | | | | | | 4.9 | 8.4 |
| NNW | .3 | 1.4 | .7 | .4 | | | | | | | | 2.8 | 6.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 2.5 | //// | |
| TOTALS | 9.3 | 38.2 | 31.4 | 15.9 | 2.6 | .1 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS: 2414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(IST): ALL

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .9 | 2.0 | 1.0 | .2 | .0 | | .0 | | | | 4.2 | 5.6 |
| NNE | .6 | 2.4 | 1.0 | .4 | .0 | .0 | | | | | 4.5 | 5.1 |
| NE | .7 | 1.8 | .8 | .3 | .1 | .0 | | | | | 3.6 | 4.2 |
| NNE | .7 | 1.9 | .8 | .3 | .0 | | | | | | 3.7 | 4.1 |
| E | 1.2 | 3.3 | 1.2 | .4 | .0 | .0 | | | | | 6.3 | 5.5 |
| ESE | .7 | 3.0 | 1.2 | .4 | .0 | .0 | | | | | 5.2 | 4.2 |
| SE | .5 | 1.8 | 1.1 | .4 | .0 | .7 | | | | | 3.7 | 4.4 |
| SSE | .5 | 3.1 | 1.9 | .7 | .1 | .0 | | | | | 6.4 | 7.0 |
| S | .5 | 3.2 | 3.2 | 1.6 | .2 | .7 | | .0 | | | 8.8 | 8.4 |
| SSW | .6 | 2.9 | 2.4 | 1.3 | .3 | .7 | .0 | .0 | | | 7.7 | 8.0 |
| SW | .7 | 3.2 | 2.0 | 1.0 | .1 | .0 | | | | | 7.0 | 7.2 |
| WSW | 1.2 | 3.5 | 2.0 | 1.3 | .2 | .7 | | | | | 8.2 | 7.1 |
| W | 2.0 | 4.7 | 2.8 | 1.4 | .3 | .1 | .0 | | | | 11.2 | 6.9 |
| WNW | 1.1 | 2.5 | 1.2 | .7 | .2 | .1 | | | | | 5.7 | 6.7 |
| NW | .5 | 1.9 | 1.5 | .8 | .1 | .7 | .0 | | | | 4.9 | 7.4 |
| NNW | .7 | 1.7 | .9 | .4 | .0 | | | | | | 3.7 | 6.4 |
| VARIABLE | .0 | | | | | | | | | | .0 | 2.0 |
| CALM | //////////////////// | | | | | | | | | | 5.7 | //// |
| TOTALS | 13.0 | 42.6 | 25.0 | 11.6 | 1.7 | .3 | .0 | .0 | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS: 28445

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS (EST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILES

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL
% | MEAN
WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | .6 | 1.4 | .7 | .2 | .0 | | | | | | 2.9 | 5.9 |
| NNE | .5 | 2.0 | 1.0 | .3 | .0 | | | | | | 2.7 | 6.0 |
| NE | .6 | 1.9 | .6 | .2 | .0 | .0 | | | | | 2.3 | 5.4 |
| NNE | .6 | 1.9 | .7 | .3 | .0 | | | | | | 2.5 | 5.4 |
| E | 1.0 | 4.0 | 1.6 | .5 | .0 | .0 | | | | | 2.2 | 5.4 |
| ESE | .9 | 3.4 | 2.0 | .6 | .0 | .0 | | | | | 2.3 | 6.4 |
| SE | .4 | 2.0 | 1.5 | .5 | .1 | .0 | | | | | 4.5 | 2.0 |
| SSE | .6 | 3.3 | 2.5 | 1.0 | .1 | .0 | | | | | 2.4 | 2.4 |
| S | .4 | 3.6 | 4.1 | 2.1 | .4 | .1 | | .0 | | | 12.8 | 4.6 |
| SSW | .6 | 2.7 | 2.4 | 1.4 | .5 | .0 | .0 | | | | 2.5 | 8.4 |
| SW | .6 | 2.9 | 2.0 | 1.1 | .2 | .0 | | | | | 6.4 | 2.6 |
| WSW | 1.1 | 2.9 | 2.2 | 1.5 | .2 | .0 | | | | | 2.9 | 2.5 |
| W | 1.2 | 4.2 | 2.3 | 1.2 | .3 | .0 | | | | | 2.2 | 6.9 |
| WNW | 1.0 | 2.3 | 1.2 | .6 | .0 | .0 | | | | | 5.2 | 6.4 |
| NW | .5 | 1.4 | 1.1 | .2 | .1 | | | | | | 2.9 | 2.7 |
| NNW | .5 | 1.2 | .6 | .2 | .1 | | | | | | 2.5 | 4.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 5.2 |
| TOTALS | 11.6 | 41.5 | 26.6 | 12.4 | 1.9 | .2 | .0 | .0 | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 10741

11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111

11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111

11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111

11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111

11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111
11111111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(EST): 0000-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|------|--|--|
| | GE 10 | GE 6 | GF 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GF 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GF 5/16 | GE 1/4 | GE 0 | | |
| NO CELL | 14.3 | 14.3 | 14.3 | 14.3 | 18.7 | 19.4 | 19.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | | |
| GE 20000 | 14.6 | 14.6 | 14.6 | 14.6 | 19.4 | 20.1 | 20.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | | |
| GE 18000 | 14.6 | 14.6 | 14.6 | 14.6 | 19.4 | 20.1 | 20.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | | |
| GE 16000 | 14.6 | 14.6 | 14.6 | 14.6 | 19.4 | 20.1 | 20.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | | |
| GE 14000 | 14.6 | 14.6 | 14.6 | 14.6 | 19.4 | 20.1 | 20.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | | |
| GE 12000 | 14.6 | 14.6 | 14.6 | 14.6 | 19.4 | 20.1 | 20.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | | |
| GE 10000 | 18.4 | 18.4 | 18.4 | 18.4 | 28.6 | 29.3 | 29.6 | 33.0 | 33.0 | 33.0 | 33.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | | |
| GE 9000 | 18.4 | 18.4 | 18.4 | 18.4 | 28.6 | 29.3 | 29.6 | 33.0 | 33.0 | 33.0 | 33.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | | |
| GF 8000 | 18.4 | 18.4 | 18.4 | 18.4 | 28.6 | 29.3 | 29.6 | 33.0 | 33.0 | 33.0 | 33.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | | |
| GE 7000 | 18.4 | 18.4 | 18.4 | 18.4 | 28.6 | 29.3 | 29.6 | 33.0 | 33.0 | 33.0 | 33.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | | |
| GE 6000 | 18.4 | 18.4 | 18.4 | 18.4 | 28.9 | 29.6 | 29.9 | 33.3 | 33.3 | 33.3 | 33.3 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | | |
| GF 5000 | 18.4 | 18.4 | 18.4 | 18.4 | 28.9 | 29.6 | 29.9 | 33.3 | 33.3 | 33.3 | 33.3 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | | |
| GE 4500 | 18.7 | 18.7 | 18.7 | 18.7 | 29.6 | 30.3 | 30.6 | 34.0 | 34.0 | 34.0 | 34.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | | |
| GF 4000 | 18.7 | 18.7 | 18.7 | 18.7 | 29.6 | 30.3 | 30.6 | 34.0 | 34.0 | 34.0 | 34.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | | |
| GF 3500 | 18.7 | 18.7 | 18.7 | 18.7 | 29.6 | 30.3 | 30.6 | 34.4 | 34.4 | 34.4 | 34.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | | |
| GE 3000 | 19.0 | 19.0 | 19.0 | 19.0 | 30.3 | 31.0 | 31.3 | 35.0 | 35.0 | 35.0 | 35.0 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | | |
| GE 2500 | 22.8 | 22.8 | 22.8 | 22.8 | 34.7 | 35.4 | 35.7 | 39.5 | 39.5 | 39.5 | 39.5 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | | |
| GE 2000 | 27.2 | 27.2 | 27.2 | 27.2 | 39.8 | 40.8 | 41.2 | 45.6 | 45.6 | 45.6 | 45.6 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | | |
| GE 1800 | 28.2 | 28.2 | 28.2 | 28.2 | 41.8 | 42.9 | 43.2 | 47.3 | 47.3 | 47.3 | 47.3 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | | |
| GF 1500 | 31.3 | 31.3 | 31.3 | 31.3 | 47.3 | 48.3 | 49.0 | 53.1 | 53.1 | 53.1 | 53.1 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | | |
| GF 1200 | 37.4 | 37.4 | 37.4 | 37.4 | 65.0 | 66.3 | 67.0 | 72.4 | 72.4 | 72.4 | 72.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | | |
| GF 1000 | 39.1 | 39.5 | 39.5 | 39.5 | 69.7 | 71.1 | 71.8 | 77.6 | 77.6 | 77.6 | 77.6 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | | |
| GF 900 | 39.1 | 39.5 | 39.5 | 39.5 | 71.1 | 72.4 | 73.1 | 79.3 | 79.3 | 79.3 | 79.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | | |
| GF 800 | 40.5 | 40.8 | 40.8 | 40.8 | 73.5 | 74.8 | 75.5 | 82.7 | 82.7 | 82.7 | 82.7 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | | |
| GF 700 | 41.2 | 41.5 | 41.5 | 41.5 | 75.3 | 76.6 | 77.3 | 84.1 | 84.1 | 84.1 | 84.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | | |
| GF 600 | 41.5 | 41.8 | 41.8 | 41.8 | 80.3 | 81.6 | 82.3 | 89.8 | 89.8 | 89.8 | 89.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | | |
| GF 500 | 41.8 | 42.2 | 42.2 | 42.2 | 81.3 | 82.7 | 83.3 | 90.8 | 90.8 | 90.8 | 90.8 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | | |
| GF 400 | 41.8 | 42.2 | 42.2 | 42.2 | 83.7 | 85.0 | 85.7 | 93.9 | 93.9 | 93.9 | 93.9 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | | |
| GF 300 | 42.2 | 42.5 | 42.5 | 42.5 | 84.4 | 85.7 | 86.4 | 95.6 | 95.6 | 95.6 | 95.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | | |
| GF 200 | 42.2 | 42.5 | 42.5 | 42.5 | 84.4 | 85.7 | 86.4 | 95.6 | 95.6 | 95.6 | 95.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | | |
| GF 100 | 42.2 | 42.5 | 42.5 | 42.5 | 84.4 | 85.7 | 86.4 | 95.6 | 95.6 | 95.6 | 95.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | | |
| GF 0 | 42.2 | 42.5 | 42.5 | 42.5 | 84.4 | 85.7 | 86.4 | 95.6 | 95.6 | 95.6 | 95.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | | |

TOTAL NUMBER OF OBSERVATIONS: 244

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(EST): 0300-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|-------|------|----------|-------|------|------|------|------|------|-------|-------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GE 1 1/2 | 1 1/4 | GE 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | GE 0 |
| NO CEIL | | 14.4 | 14.4 | 14.4 | 14.4 | 19.8 | 20.1 | 20.1 | 21.9 | 21.8 | 21.8 | 21.8 | 21.8 | 22.1 | 22.1 | 22.1 |
| GE 20000 | | 15.1 | 15.1 | 15.1 | 15.1 | 21.1 | 21.5 | 21.5 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.5 | 23.5 | 23.5 |
| GE 18000 | | 15.1 | 15.1 | 15.1 | 15.1 | 21.1 | 21.5 | 21.5 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.5 | 23.5 | 23.5 |
| GE 16000 | | 15.1 | 15.1 | 15.1 | 15.1 | 21.1 | 21.5 | 21.5 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.5 | 23.5 | 23.5 |
| GE 14000 | | 15.1 | 15.1 | 15.1 | 15.1 | 21.1 | 21.5 | 21.5 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.5 | 23.5 | 23.5 |
| GE 12000 | | 15.1 | 15.1 | 15.1 | 15.1 | 21.1 | 21.5 | 21.5 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.5 | 23.5 | 23.5 |
| GE 10000 | | 19.5 | 19.5 | 19.5 | 19.5 | 30.2 | 30.5 | 30.5 | 33.2 | 33.2 | 33.2 | 33.6 | 33.6 | 33.9 | 33.9 | 33.9 |
| GE 9000 | | 19.5 | 19.5 | 19.5 | 19.5 | 30.2 | 30.5 | 30.5 | 33.2 | 33.2 | 33.2 | 33.6 | 33.6 | 33.9 | 33.9 | 33.9 |
| GE 8000 | | 19.5 | 19.5 | 19.5 | 19.5 | 30.2 | 30.5 | 30.5 | 33.2 | 33.2 | 33.2 | 33.6 | 33.6 | 33.9 | 33.9 | 33.9 |
| GE 7000 | | 19.5 | 19.5 | 19.5 | 19.5 | 30.2 | 30.5 | 30.5 | 33.2 | 33.2 | 33.2 | 33.6 | 33.6 | 33.9 | 33.9 | 33.9 |
| GE 6000 | | 19.5 | 19.5 | 19.5 | 19.5 | 30.2 | 30.5 | 30.5 | 33.2 | 33.2 | 33.2 | 33.6 | 33.6 | 33.9 | 33.9 | 33.9 |
| GE 5000 | | 19.8 | 19.8 | 19.8 | 19.8 | 30.5 | 30.9 | 30.9 | 33.6 | 33.6 | 33.6 | 33.9 | 33.9 | 34.2 | 34.2 | 34.2 |
| GE 4500 | | 19.8 | 19.8 | 19.8 | 19.8 | 30.5 | 30.9 | 30.9 | 33.6 | 33.6 | 33.6 | 33.9 | 33.9 | 34.2 | 34.2 | 34.2 |
| GE 4000 | | 19.8 | 19.8 | 19.8 | 19.8 | 31.2 | 31.5 | 31.5 | 34.2 | 34.2 | 34.2 | 34.6 | 34.6 | 34.9 | 34.9 | 34.9 |
| GE 3500 | | 20.1 | 20.1 | 20.1 | 20.1 | 31.5 | 31.9 | 31.9 | 34.6 | 34.6 | 34.6 | 34.9 | 34.9 | 35.2 | 35.2 | 35.2 |
| GE 3000 | | 21.1 | 21.1 | 21.1 | 21.1 | 32.6 | 32.9 | 32.9 | 35.6 | 35.6 | 35.6 | 35.9 | 35.9 | 36.2 | 36.2 | 36.2 |
| GE 2500 | | 24.8 | 24.8 | 24.8 | 24.8 | 37.2 | 37.6 | 37.6 | 40.6 | 40.6 | 40.6 | 40.9 | 40.9 | 41.3 | 41.3 | 41.3 |
| GE 2000 | | 27.5 | 27.5 | 27.5 | 27.5 | 40.9 | 41.3 | 41.3 | 45.0 | 45.3 | 45.3 | 45.6 | 45.6 | 46.0 | 46.0 | 46.0 |
| GE 1800 | | 28.5 | 28.5 | 28.5 | 28.5 | 42.3 | 42.6 | 42.6 | 46.6 | 47.0 | 47.0 | 47.3 | 47.3 | 47.7 | 47.7 | 47.7 |
| GE 1500 | .3 | 31.5 | 31.5 | 31.5 | 31.5 | 47.7 | 48.0 | 48.0 | 52.0 | 52.3 | 52.3 | 52.7 | 52.7 | 53.0 | 53.0 | 53.0 |
| GE 1200 | .3 | 36.6 | 36.6 | 36.6 | 36.6 | 60.4 | 60.7 | 60.7 | 66.4 | 67.1 | 67.1 | 67.4 | 67.4 | 67.8 | 67.8 | 67.8 |
| GE 1000 | .3 | 36.9 | 38.9 | 38.9 | 38.9 | 66.8 | 67.1 | 67.8 | 74.5 | 75.5 | 75.8 | 76.2 | 76.2 | 76.5 | 76.5 | 76.5 |
| GE 900 | .3 | 39.9 | 39.9 | 39.9 | 39.9 | 68.5 | 68.8 | 69.5 | 77.5 | 78.5 | 78.9 | 79.2 | 79.2 | 79.5 | 79.5 | 79.5 |
| GE 800 | .3 | 41.3 | 41.3 | 41.3 | 41.3 | 73.2 | 73.5 | 74.2 | 82.2 | 83.2 | 83.6 | 83.9 | 83.9 | 84.2 | 84.2 | 84.2 |
| GE 700 | .3 | 42.3 | 42.3 | 42.3 | 42.3 | 74.5 | 74.8 | 75.8 | 85.6 | 86.9 | 87.2 | 87.9 | 87.9 | 88.3 | 88.3 | 88.3 |
| GE 600 | .3 | 43.0 | 43.0 | 43.0 | 43.0 | 76.5 | 76.8 | 77.9 | 88.3 | 89.9 | 90.7 | 90.9 | 90.9 | 91.3 | 91.3 | 91.3 |
| GE 500 | .7 | 43.3 | 43.3 | 43.3 | 43.3 | 78.2 | 78.5 | 79.5 | 90.3 | 92.3 | 92.6 | 93.3 | 93.3 | 93.6 | 93.6 | 93.6 |
| GE 400 | .3 | 43.3 | 43.3 | 43.3 | 43.3 | 80.9 | 81.2 | 82.2 | 93.3 | 95.3 | 95.6 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 |
| GE 300 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 81.5 | 81.9 | 82.9 | 95.3 | 97.3 | 97.7 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 200 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 81.5 | 81.9 | 82.9 | 95.3 | 97.3 | 97.7 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 100 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 81.5 | 81.9 | 82.9 | 95.3 | 97.3 | 97.7 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 |
| GE 0 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 81.5 | 81.9 | 82.9 | 95.3 | 97.3 | 97.7 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS: 0600-0800

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|--|-----------------------------|------|------|------|------|------|----------|----------|------|--------|--------|--------|---------|--------|------|--|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 | |
| NO CEIL | | .3 | 16.8 | 16.8 | 16.8 | 16.8 | 21.9 | 21.9 | 22.2 | 22.6 | 22.6 | 22.6 | 22.6 | 22.9 | 22.9 | 22.9 | |
| GE 20000 | | .3 | 17.2 | 17.2 | 17.2 | 17.2 | 22.6 | 22.6 | 22.9 | 23.2 | 23.2 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | |
| GE 18000 | | .3 | 17.2 | 17.2 | 17.2 | 17.2 | 22.6 | 22.6 | 22.9 | 23.2 | 23.2 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | |
| GE 16000 | | .3 | 17.2 | 17.2 | 17.2 | 17.2 | 22.6 | 22.6 | 22.9 | 23.2 | 23.2 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | |
| GE 14000 | | .3 | 17.2 | 17.2 | 17.2 | 17.2 | 22.6 | 22.6 | 22.9 | 23.2 | 23.2 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | |
| GE 12000 | | .3 | 17.2 | 17.2 | 17.2 | 17.2 | 22.6 | 22.6 | 22.9 | 23.2 | 23.2 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | |
| GE 10000 | | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 32.0 | 32.0 | 32.3 | 33.3 | 33.3 | 33.3 | 33.7 | 34.0 | 34.0 | 34.0 | |
| GE 9000 | | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 32.0 | 32.0 | 32.3 | 33.3 | 33.3 | 33.3 | 33.7 | 34.0 | 34.0 | 34.0 | |
| GE 8000 | | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 32.0 | 32.0 | 32.3 | 33.3 | 33.3 | 33.3 | 33.7 | 34.0 | 34.0 | 34.0 | |
| GE 7000 | | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 32.0 | 32.0 | 32.3 | 33.3 | 33.3 | 33.3 | 33.7 | 34.0 | 34.0 | 34.0 | |
| GE 6000 | | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 32.0 | 32.0 | 32.3 | 33.3 | 33.3 | 33.3 | 33.7 | 34.0 | 34.0 | 34.0 | |
| GE 5000 | | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 32.0 | 32.0 | 32.3 | 33.3 | 33.3 | 33.3 | 33.7 | 34.0 | 34.0 | 34.0 | |
| GE 4500 | | .3 | 23.6 | 23.6 | 23.6 | 23.6 | 32.7 | 32.7 | 33.0 | 34.0 | 34.0 | 34.0 | 34.3 | 34.7 | 34.7 | 34.7 | |
| GE 4000 | | .3 | 23.6 | 23.6 | 23.6 | 23.6 | 33.0 | 33.0 | 33.3 | 34.3 | 34.3 | 34.3 | 34.7 | 35.0 | 35.0 | 35.0 | |
| GE 3500 | | .3 | 23.6 | 23.6 | 23.6 | 23.6 | 33.0 | 33.0 | 33.3 | 34.3 | 34.3 | 34.3 | 34.7 | 35.0 | 35.0 | 35.0 | |
| GE 3000 | | .3 | 24.6 | 24.6 | 24.6 | 24.6 | 34.3 | 34.3 | 34.7 | 35.7 | 35.7 | 35.7 | 36.0 | 36.4 | 36.4 | 36.4 | |
| GE 2500 | | .3 | 29.6 | 29.6 | 29.6 | 29.6 | 40.7 | 40.7 | 41.1 | 42.4 | 42.4 | 42.4 | 42.8 | 43.1 | 43.1 | 43.1 | |
| GE 2000 | | .3 | 32.3 | 32.3 | 32.3 | 32.3 | 44.4 | 44.4 | 44.8 | 46.5 | 46.5 | 46.5 | 46.8 | 47.1 | 47.1 | 47.1 | |
| GE 1800 | | .3 | 33.3 | 33.3 | 33.3 | 33.3 | 45.8 | 45.8 | 46.1 | 47.8 | 47.8 | 47.8 | 48.1 | 48.4 | 48.4 | 48.4 | |
| GE 1500 | | .3 | 34.7 | 34.7 | 34.7 | 34.7 | 48.8 | 48.8 | 49.2 | 50.8 | 50.8 | 50.8 | 51.1 | 51.4 | 51.4 | 51.4 | |
| GE 1200 | | .7 | 41.1 | 41.1 | 41.1 | 41.1 | 60.9 | 61.3 | 61.6 | 64.0 | 64.0 | 64.0 | 65.0 | 65.3 | 65.3 | 65.3 | |
| GE 1000 | | .7 | 44.1 | 44.1 | 44.1 | 44.1 | 67.7 | 68.0 | 68.4 | 72.4 | 72.4 | 72.4 | 73.4 | 73.7 | 73.7 | 73.7 | |
| GE 900 | | .7 | 44.4 | 44.4 | 44.4 | 44.4 | 69.7 | 70.0 | 70.4 | 74.7 | 74.7 | 74.7 | 75.8 | 76.1 | 76.1 | 76.1 | |
| GE 800 | | .7 | 45.5 | 45.5 | 45.5 | 45.5 | 73.1 | 73.4 | 73.7 | 80.1 | 80.1 | 80.1 | 81.8 | 82.5 | 82.5 | 82.5 | |
| GE 700 | | .7 | 47.1 | 47.1 | 47.1 | 47.1 | 79.8 | 80.1 | 80.5 | 87.9 | 87.9 | 87.9 | 90.2 | 90.9 | 90.9 | 90.9 | |
| GE 600 | | .7 | 47.1 | 47.1 | 47.1 | 47.1 | 81.1 | 81.5 | 82.2 | 89.6 | 89.6 | 89.6 | 92.3 | 93.3 | 93.3 | 93.3 | |
| GE 500 | | .7 | 47.1 | 47.1 | 47.1 | 47.1 | 82.2 | 82.5 | 83.2 | 90.9 | 90.9 | 90.9 | 93.6 | 94.9 | 94.9 | 94.9 | |
| GE 400 | | .7 | 47.5 | 47.5 | 47.5 | 47.5 | 83.8 | 84.2 | 84.8 | 93.6 | 93.6 | 93.6 | 97.6 | 97.6 | 97.6 | 97.6 | |
| GE 300 | | .7 | 47.5 | 47.5 | 47.5 | 47.5 | 84.5 | 84.8 | 85.5 | 94.6 | 94.6 | 94.6 | 97.3 | 98.7 | 98.7 | 98.7 | |
| GE 200 | | .7 | 47.5 | 47.5 | 47.5 | 47.5 | 84.8 | 85.2 | 85.9 | 94.9 | 94.9 | 94.9 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 100 | | .7 | 47.5 | 47.5 | 47.5 | 47.5 | 84.8 | 85.2 | 85.9 | 94.9 | 94.9 | 94.9 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 0 | | .7 | 47.5 | 47.5 | 47.5 | 47.5 | 84.8 | 85.2 | 85.9 | 94.9 | 94.9 | 94.9 | 97.6 | 99.0 | 99.0 | 99.0 | |

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(EST): 0900-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | | | 16.7 | 16.7 | 17.1 | 17.1 | 23.4 | 23.4 | 23.4 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 |
| GE 20000 | | | 16.7 | 16.7 | 17.1 | 17.1 | 23.4 | 23.4 | 23.4 | 23.8 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| GE 18000 | | | 16.7 | 16.7 | 17.1 | 17.1 | 23.4 | 23.4 | 23.4 | 23.8 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| GE 16000 | | | 16.7 | 16.7 | 17.1 | 17.1 | 23.4 | 23.4 | 23.4 | 23.8 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| GE 14000 | | | 16.7 | 16.7 | 17.1 | 17.1 | 23.4 | 23.4 | 23.4 | 23.8 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| GE 12000 | | | 16.7 | 16.7 | 17.1 | 17.1 | 23.4 | 23.4 | 23.4 | 23.8 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| GE 10000 | | | 22.3 | 22.3 | 22.7 | 22.7 | 32.7 | 32.7 | 32.7 | 33.5 | 33.8 | 33.8 | 34.2 | 34.2 | 34.2 | 34.2 |
| GE 9000 | | | 22.3 | 22.3 | 22.7 | 22.7 | 32.7 | 32.7 | 32.7 | 33.5 | 33.8 | 33.8 | 34.2 | 34.2 | 34.2 | 34.2 |
| GE 8000 | | | 22.3 | 22.3 | 22.7 | 22.7 | 32.7 | 32.7 | 32.7 | 33.5 | 33.8 | 33.8 | 34.2 | 34.2 | 34.2 | 34.2 |
| GE 7000 | | | 22.3 | 22.3 | 22.7 | 22.7 | 32.7 | 32.7 | 32.7 | 33.5 | 33.8 | 33.8 | 34.2 | 34.2 | 34.2 | 34.2 |
| GE 6000 | | | 22.7 | 22.7 | 23.0 | 23.0 | 33.1 | 33.1 | 33.1 | 33.8 | 34.2 | 34.2 | 34.6 | 34.6 | 34.6 | 34.6 |
| GE 5000 | | | 22.7 | 22.7 | 23.0 | 23.0 | 33.1 | 33.1 | 33.1 | 33.8 | 34.2 | 34.2 | 34.6 | 34.6 | 34.6 | 34.6 |
| GE 4000 | | | 22.7 | 22.7 | 23.0 | 23.0 | 33.1 | 33.1 | 33.1 | 33.8 | 34.2 | 34.2 | 34.6 | 34.6 | 34.6 | 34.6 |
| GE 3000 | | | 23.0 | 23.0 | 23.4 | 23.4 | 33.8 | 33.8 | 33.8 | 34.6 | 34.9 | 34.9 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 2000 | | | 23.4 | 23.4 | 23.8 | 23.8 | 34.2 | 34.2 | 34.2 | 34.9 | 35.3 | 35.3 | 35.7 | 35.7 | 35.7 | 35.7 |
| GE 1000 | | | 23.8 | 23.8 | 24.2 | 24.2 | 34.9 | 34.9 | 34.9 | 35.7 | 36.1 | 36.1 | 36.4 | 36.4 | 36.4 | 36.4 |
| GE 2500 | | | 26.4 | 26.4 | 26.8 | 26.8 | 39.0 | 39.0 | 39.0 | 40.5 | 40.9 | 41.3 | 41.6 | 41.6 | 41.6 | 41.6 |
| GE 2000 | | | 27.9 | 27.9 | 28.3 | 28.3 | 41.6 | 41.6 | 41.6 | 43.5 | 43.9 | 44.3 | 44.6 | 44.6 | 44.6 | 44.6 |
| GE 1800 | | | 29.0 | 29.0 | 29.4 | 29.4 | 43.5 | 43.5 | 43.5 | 45.4 | 45.7 | 46.1 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 1500 | | | 31.6 | 31.6 | 32.0 | 32.0 | 48.7 | 48.7 | 48.7 | 50.9 | 51.7 | 52.0 | 52.4 | 52.4 | 52.4 | 52.4 |
| GE 1200 | | | 37.2 | 37.2 | 37.5 | 37.5 | 61.7 | 61.7 | 61.7 | 64.7 | 65.4 | 65.8 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 1000 | | | 40.1 | 40.1 | 40.5 | 40.5 | 67.3 | 67.3 | 68.0 | 71.7 | 72.9 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 900 | | | 41.6 | 41.6 | 42.0 | 42.0 | 70.6 | 70.6 | 71.4 | 75.5 | 76.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| GE 800 | | | 43.1 | 43.1 | 43.5 | 43.5 | 73.6 | 73.6 | 74.3 | 79.2 | 80.3 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 700 | | | 44.2 | 44.2 | 44.6 | 44.6 | 76.4 | 76.4 | 79.2 | 85.5 | 87.0 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 600 | | | 45.4 | 45.4 | 45.7 | 45.7 | 81.8 | 81.8 | 82.5 | 90.0 | 91.4 | 92.6 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 500 | | | 45.7 | 45.7 | 46.1 | 46.1 | 82.9 | 82.9 | 83.6 | 91.8 | 93.3 | 94.4 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 400 | | | 46.1 | 46.1 | 46.5 | 46.5 | 84.0 | 84.0 | 84.8 | 94.1 | 95.5 | 97.0 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 300 | | | 46.1 | 46.1 | 46.5 | 46.5 | 84.8 | 84.8 | 85.5 | 95.5 | 97.0 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | | | 46.1 | 46.1 | 46.5 | 46.5 | 84.8 | 84.8 | 85.5 | 95.5 | 97.0 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 100 | | | 46.5 | 46.5 | 46.8 | 46.8 | 85.1 | 85.1 | 85.9 | 95.9 | 97.4 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 0 | | | 46.5 | 46.5 | 46.8 | 46.8 | 85.1 | 85.1 | 85.9 | 95.9 | 97.4 | 98.9 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 75-87
MONTH: JAN HOURS (LST): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 |
| NO CEIL | 14.4 | 14.4 | 14.4 | 14.4 | 20.8 | 20.8 | 21.1 | 22.5 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 21.6 |
| GE 20000 | 15.4 | 15.4 | 15.4 | 15.4 | 23.5 | 23.5 | 23.8 | 25.2 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 21.6 |
| GE 18000 | 15.4 | 15.4 | 15.4 | 15.4 | 23.5 | 23.5 | 23.8 | 25.2 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 21.6 |
| GE 16000 | 15.4 | 15.4 | 15.4 | 15.4 | 23.5 | 23.5 | 23.8 | 25.2 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 21.6 |
| GE 14000 | 15.4 | 15.4 | 15.4 | 15.4 | 23.5 | 23.5 | 23.8 | 25.2 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 21.6 |
| GE 12000 | 15.4 | 15.4 | 15.4 | 15.4 | 23.5 | 23.5 | 23.8 | 25.2 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 21.6 |
| GE 10000 | 21.5 | 21.5 | 21.5 | 21.5 | 34.2 | 34.2 | 34.6 | 37.2 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 9000 | 21.5 | 21.5 | 21.5 | 21.5 | 34.2 | 34.2 | 34.6 | 37.2 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 8000 | 21.5 | 21.5 | 21.5 | 21.5 | 34.2 | 34.2 | 34.6 | 37.2 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 7000 | 21.5 | 21.5 | 21.5 | 21.5 | 34.2 | 34.2 | 34.6 | 37.2 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 6000 | 21.5 | 21.5 | 21.5 | 21.5 | 34.2 | 34.2 | 34.6 | 37.2 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 5000 | 21.8 | 21.8 | 21.8 | 21.8 | 34.6 | 34.6 | 34.9 | 37.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 4500 | 21.8 | 21.8 | 21.8 | 21.8 | 34.6 | 34.6 | 34.9 | 37.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 4000 | 22.8 | 22.8 | 22.8 | 22.8 | 36.2 | 36.2 | 36.6 | 39.3 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 |
| GE 3500 | 23.2 | 23.2 | 23.2 | 23.2 | 37.2 | 37.2 | 37.6 | 40.3 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 |
| GE 3000 | 23.5 | 23.5 | 23.5 | 23.5 | 37.6 | 37.6 | 37.9 | 40.6 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| GE 2500 | 26.2 | 26.2 | 26.5 | 26.5 | 42.3 | 42.3 | 42.6 | 45.3 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| GE 2000 | 27.9 | 27.9 | 28.2 | 28.2 | 44.3 | 44.3 | 44.6 | 47.3 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 1800 | 29.5 | 29.5 | 29.9 | 29.9 | 46.0 | 46.0 | 46.3 | 49.3 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 1500 | 32.2 | 32.2 | 32.6 | 32.6 | 49.3 | 49.3 | 49.7 | 53.0 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| GE 1200 | 38.3 | 38.3 | 38.6 | 38.6 | 61.7 | 62.1 | 62.4 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| GE 1000 | 40.3 | 40.3 | 40.6 | 40.6 | 67.4 | 67.8 | 68.5 | 74.8 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 900 | 41.3 | 41.3 | 41.6 | 41.6 | 70.5 | 70.8 | 71.5 | 78.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 800 | 41.3 | 41.3 | 41.6 | 41.6 | 72.1 | 72.5 | 73.2 | 81.2 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 700 | 41.6 | 41.6 | 41.9 | 41.9 | 75.5 | 75.8 | 76.5 | 85.6 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 600 | 41.6 | 41.6 | 41.9 | 41.9 | 76.5 | 76.8 | 77.9 | 87.6 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 500 | 41.9 | 41.9 | 42.3 | 42.3 | 78.2 | 78.5 | 79.5 | 90.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 400 | 41.9 | 41.9 | 42.3 | 42.3 | 80.2 | 80.5 | 81.5 | 93.0 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 300 | 41.9 | 41.9 | 42.3 | 42.3 | 80.5 | 80.9 | 81.9 | 93.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 200 | 41.9 | 41.9 | 42.3 | 42.3 | 80.5 | 80.9 | 81.9 | 93.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 100 | 41.9 | 41.9 | 42.3 | 42.3 | 80.5 | 80.9 | 81.9 | 93.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 0 | 42.3 | 42.3 | 42.6 | 42.6 | 80.5 | 81.2 | 82.2 | 93.6 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JAN, HOURS(EST): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 | GE
0 |
| NO CEIL | 14.6 | 14.6 | 14.6 | 14.6 | 22.9 | 22.9 | 23.3 | 24.3 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 20000 | 15.3 | 15.3 | 15.3 | 15.3 | 25.2 | 25.2 | 25.6 | 26.9 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| GE 18000 | 15.3 | 15.3 | 15.3 | 15.3 | 25.2 | 25.2 | 25.6 | 26.9 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| GE 16000 | 15.3 | 15.3 | 15.3 | 15.3 | 25.2 | 25.2 | 25.6 | 26.9 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| GE 14000 | 15.3 | 15.3 | 15.3 | 15.3 | 25.2 | 25.2 | 25.6 | 26.9 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| GE 12000 | 15.3 | 15.3 | 15.3 | 15.3 | 25.2 | 25.2 | 25.6 | 26.9 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| GE 10000 | 23.3 | 23.3 | 23.3 | 23.3 | 38.9 | 39.2 | 39.5 | 40.9 | 41.2 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GE 9000 | 23.3 | 23.3 | 23.3 | 23.3 | 38.9 | 39.2 | 39.5 | 40.9 | 41.2 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GE 8000 | 23.3 | 23.3 | 23.3 | 23.3 | 38.9 | 39.2 | 39.5 | 40.9 | 41.2 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GE 7000 | 23.3 | 23.3 | 23.3 | 23.3 | 38.9 | 39.2 | 39.5 | 40.9 | 41.2 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GE 6000 | 23.3 | 23.3 | 23.3 | 23.3 | 38.9 | 39.2 | 39.5 | 40.9 | 41.2 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GE 5000 | 23.3 | 23.3 | 23.3 | 23.3 | 39.2 | 39.5 | 39.9 | 41.2 | 41.5 | 41.5 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| GE 4500 | 23.3 | 23.3 | 23.3 | 23.3 | 39.5 | 39.9 | 40.2 | 41.5 | 41.9 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| GE 4000 | 24.6 | 24.6 | 24.6 | 24.6 | 40.9 | 41.2 | 41.5 | 42.9 | 43.2 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| GE 3500 | 24.6 | 24.6 | 24.6 | 24.6 | 41.2 | 41.5 | 41.9 | 43.2 | 43.5 | 43.5 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| GE 3000 | 24.6 | 24.6 | 24.6 | 24.6 | 41.2 | 41.5 | 41.9 | 43.5 | 43.9 | 43.9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| GE 2500 | 29.6 | 29.6 | 29.6 | 29.6 | 48.2 | 48.5 | 48.8 | 50.5 | 50.8 | 50.8 | 50.8 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| GE 2000 | 30.6 | 30.6 | 30.6 | 30.6 | 50.5 | 50.8 | 51.2 | 53.2 | 53.5 | 53.5 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 1800 | 31.6 | 31.6 | 31.6 | 31.6 | 52.6 | 52.8 | 53.2 | 55.5 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 1600 | 33.9 | 33.9 | 33.9 | 33.9 | 56.8 | 57.1 | 57.8 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 1400 | 43.2 | 43.2 | 43.2 | 43.2 | 72.1 | 72.8 | 73.4 | 78.4 | 78.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 1200 | 44.9 | 44.9 | 44.9 | 44.9 | 77.4 | 78.1 | 78.7 | 84.1 | 84.4 | 84.7 | 85.4 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 1000 | 45.8 | 45.8 | 45.8 | 45.8 | 79.4 | 80.1 | 80.7 | 86.4 | 87.0 | 87.4 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 800 | 45.8 | 45.8 | 45.8 | 45.8 | 80.4 | 81.1 | 81.7 | 87.7 | 88.4 | 88.7 | 89.7 | 89.7 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 700 | 46.8 | 46.8 | 46.8 | 46.8 | 82.7 | 83.4 | 84.1 | 90.7 | 91.4 | 91.7 | 93.4 | 93.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 600 | 46.8 | 46.8 | 46.8 | 46.8 | 83.1 | 83.7 | 84.4 | 91.7 | 92.4 | 93.0 | 94.7 | 95.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 500 | 46.8 | 46.8 | 46.8 | 46.8 | 83.7 | 84.4 | 85.0 | 92.7 | 93.7 | 94.4 | 96.0 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 400 | 46.8 | 46.8 | 46.8 | 46.8 | 84.4 | 85.0 | 85.7 | 93.4 | 94.4 | 95.7 | 97.3 | 97.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 46.8 | 46.8 | 46.8 | 46.8 | 84.7 | 85.4 | 86.0 | 93.7 | 94.7 | 96.3 | 98.0 | 98.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 46.8 | 46.8 | 46.8 | 46.8 | 84.7 | 85.4 | 86.0 | 93.7 | 94.7 | 96.3 | 98.3 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 46.8 | 46.8 | 46.8 | 46.8 | 84.7 | 85.4 | 86.0 | 93.7 | 94.7 | 96.3 | 98.3 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 46.8 | 46.8 | 46.8 | 46.8 | 84.7 | 85.4 | 86.0 | 93.7 | 94.7 | 96.3 | 98.3 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 701

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOUR(S) 15:15: 1900-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|
| | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 1 | 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 1/8 | 0 |
| NO CEIL | 15.9 | 15.9 | 16.3 | 16.3 | 24.9 | 24.9 | 24.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 |
| GE 20000 | 15.9 | 15.9 | 16.3 | 16.3 | 25.2 | 25.2 | 25.6 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| GE 18000 | 15.9 | 15.9 | 16.3 | 16.3 | 25.2 | 25.2 | 25.6 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| GE 16000 | 15.9 | 15.9 | 16.3 | 16.3 | 25.2 | 25.2 | 25.6 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| GE 14000 | 15.9 | 15.9 | 16.3 | 16.3 | 25.2 | 25.2 | 25.6 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| GE 12000 | 15.9 | 15.9 | 16.3 | 16.3 | 25.2 | 25.2 | 25.6 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| GE 10000 | 19.9 | 19.9 | 20.3 | 20.3 | 33.9 | 33.9 | 34.6 | 38.2 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| GE 9000 | 19.9 | 19.9 | 20.3 | 20.3 | 33.9 | 33.9 | 34.6 | 38.2 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| GE 8000 | 19.9 | 19.9 | 20.3 | 20.3 | 33.9 | 33.9 | 34.6 | 38.2 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| GE 7000 | 19.9 | 19.9 | 20.3 | 20.3 | 33.9 | 33.9 | 34.6 | 38.2 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| GE 6000 | 19.9 | 19.9 | 20.3 | 20.3 | 33.9 | 33.9 | 34.6 | 38.2 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| GE 5000 | 20.3 | 20.3 | 20.6 | 20.6 | 34.2 | 34.2 | 34.9 | 38.5 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 4500 | 20.3 | 20.3 | 20.6 | 20.6 | 34.6 | 34.6 | 35.2 | 39.2 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 |
| GE 4000 | 20.9 | 20.9 | 21.3 | 21.3 | 35.5 | 35.5 | 36.2 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| GE 3500 | 21.3 | 21.3 | 21.6 | 21.6 | 35.9 | 35.9 | 36.5 | 40.5 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| GE 3000 | 22.6 | 22.6 | 22.9 | 22.9 | 37.9 | 37.9 | 38.5 | 42.5 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 |
| GE 2500 | 26.9 | 26.9 | 27.2 | 27.2 | 43.9 | 43.9 | 44.5 | 48.5 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| GE 2000 | 28.9 | 28.9 | 29.2 | 29.2 | 46.5 | 46.5 | 47.2 | 51.2 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| GE 1800 | 28.9 | 28.9 | 29.2 | 29.2 | 47.2 | 47.2 | 47.8 | 51.8 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| GE 1500 | 30.9 | 30.9 | 31.2 | 31.2 | 52.5 | 52.5 | 53.2 | 57.1 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| GE 1200 | 39.5 | 39.5 | 39.9 | 39.9 | 68.8 | 69.1 | 69.8 | 74.8 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 1000 | 42.5 | 42.5 | 42.9 | 42.9 | 75.7 | 76.1 | 76.7 | 82.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 900 | 42.9 | 42.9 | 43.2 | 43.2 | 77.1 | 77.4 | 78.1 | 84.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 800 | 42.9 | 42.9 | 43.2 | 43.2 | 78.1 | 78.4 | 79.1 | 85.7 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 700 | 42.9 | 42.9 | 43.2 | 43.2 | 80.7 | 81.1 | 81.7 | 89.0 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 600 | 43.5 | 43.5 | 43.9 | 43.9 | 82.4 | 82.7 | 83.4 | 91.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 500 | 43.9 | 43.9 | 44.2 | 44.2 | 83.7 | 84.1 | 84.7 | 92.7 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 400 | 44.2 | 44.2 | 44.5 | 44.5 | 84.4 | 84.7 | 85.4 | 93.4 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 300 | 44.5 | 44.5 | 44.9 | 44.9 | 85.0 | 85.4 | 86.0 | 94.0 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 200 | 44.5 | 44.5 | 44.9 | 44.9 | 85.4 | 85.7 | 86.4 | 94.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 100 | 44.5 | 44.5 | 44.9 | 44.9 | 85.4 | 85.7 | 86.4 | 94.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 01 | 44.5 | 44.5 | 44.9 | 44.9 | 85.4 | 85.7 | 86.4 | 94.4 | 96.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 2100-2300

| CEILING
IN
FEET | GE
10 | GF
6 | GE
5 | GF
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GF
1 1/2 | GE
1 1/4 | GF
1 | GE
7/4 | GF
5/4 | GE
1 1/2 | GF
5/16 | GE
1 1/4 | GF
5/8 |
|-----------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-------------|------------|-------------|-----------|
| NO CEIL | 17.2 | 17.2 | 17.2 | 17.2 | 23.6 | 23.6 | 24.0 | 24.3 | 24.3 | 24.3 | 24.3 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 |
| GE 20000 | 17.6 | 17.6 | 17.6 | 17.6 | 24.7 | 24.7 | 25.0 | 25.3 | 25.3 | 25.3 | 25.3 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| GE 18000 | 17.6 | 17.6 | 17.6 | 17.6 | 24.7 | 24.7 | 25.0 | 25.3 | 25.3 | 25.3 | 25.3 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| GE 16000 | 17.6 | 17.6 | 17.6 | 17.6 | 24.7 | 24.7 | 25.0 | 25.3 | 25.3 | 25.3 | 25.3 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| GE 14000 | 17.6 | 17.6 | 17.6 | 17.6 | 24.7 | 24.7 | 25.0 | 25.3 | 25.3 | 25.3 | 25.3 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| GE 12000 | 17.6 | 17.6 | 17.6 | 17.6 | 24.7 | 24.7 | 25.0 | 25.3 | 25.3 | 25.3 | 25.3 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| GE 10000 | 22.6 | 22.6 | 22.6 | 22.6 | 33.4 | 33.4 | 34.1 | 36.1 | 36.5 | 36.5 | 36.5 | 36.8 | 36.8 | 36.8 | 37.2 | 37.2 | 37.2 |
| GE 9000 | 22.6 | 22.6 | 22.6 | 22.6 | 33.4 | 33.4 | 34.1 | 36.1 | 36.5 | 36.5 | 36.5 | 36.8 | 36.8 | 36.8 | 37.2 | 37.2 | 37.2 |
| GE 8000 | 22.6 | 22.6 | 22.6 | 22.6 | 33.4 | 33.4 | 34.1 | 36.1 | 36.5 | 36.5 | 36.5 | 36.8 | 36.8 | 36.8 | 37.2 | 37.2 | 37.2 |
| GE 7000 | 22.6 | 22.6 | 22.6 | 22.6 | 33.4 | 33.4 | 34.1 | 36.1 | 36.5 | 36.5 | 36.5 | 36.8 | 36.8 | 36.8 | 37.2 | 37.2 | 37.2 |
| GE 6000 | 22.6 | 22.6 | 22.6 | 22.6 | 33.4 | 33.4 | 34.1 | 36.1 | 36.5 | 36.5 | 36.5 | 36.8 | 36.8 | 36.8 | 37.2 | 37.2 | 37.2 |
| GE 5000 | 22.6 | 22.6 | 22.6 | 22.6 | 34.1 | 34.1 | 34.8 | 37.2 | 37.5 | 37.5 | 37.5 | 37.8 | 37.8 | 37.8 | 38.2 | 38.2 | 38.2 |
| GE 4500 | 22.6 | 22.6 | 22.6 | 22.6 | 34.1 | 34.1 | 34.8 | 37.2 | 37.5 | 37.5 | 37.5 | 37.8 | 37.8 | 37.8 | 38.2 | 38.2 | 38.2 |
| GE 4000 | 23.6 | 23.6 | 23.6 | 23.6 | 35.5 | 35.5 | 36.1 | 38.5 | 38.9 | 38.9 | 38.9 | 39.2 | 39.2 | 39.2 | 39.5 | 39.5 | 39.5 |
| GE 3500 | 23.6 | 23.6 | 23.6 | 23.6 | 35.8 | 35.8 | 36.5 | 38.9 | 39.2 | 39.2 | 39.2 | 39.5 | 39.5 | 39.5 | 39.9 | 39.9 | 39.9 |
| GE 3000 | 25.0 | 25.0 | 25.0 | 25.0 | 37.2 | 37.2 | 37.8 | 40.2 | 40.5 | 40.5 | 40.5 | 40.9 | 40.9 | 40.9 | 41.2 | 41.2 | 41.2 |
| GE 2500 | 27.4 | 27.4 | 27.4 | 27.4 | 40.2 | 40.2 | 40.9 | 43.2 | 43.6 | 43.6 | 43.6 | 43.9 | 43.9 | 43.9 | 44.3 | 44.3 | 44.3 |
| GE 2000 | 29.1 | 29.1 | 29.1 | 29.1 | 42.6 | 42.6 | 43.2 | 45.9 | 46.3 | 46.3 | 46.3 | 46.6 | 46.6 | 46.6 | 47.0 | 47.0 | 47.0 |
| GE 1800 | 29.7 | 29.7 | 29.7 | 29.7 | 43.6 | 43.6 | 44.3 | 47.3 | 47.6 | 47.6 | 47.6 | 48.0 | 48.0 | 48.0 | 48.3 | 48.3 | 48.3 |
| GE 1500 | 32.8 | 32.8 | 32.8 | 32.8 | 47.6 | 47.6 | 48.3 | 51.4 | 52.0 | 52.0 | 52.0 | 52.4 | 52.4 | 52.4 | 52.7 | 52.7 | 52.7 |
| GE 1200 | 38.2 | 38.2 | 38.2 | 38.2 | 64.2 | 64.2 | 64.9 | 70.3 | 70.9 | 70.9 | 70.9 | 71.3 | 71.3 | 71.3 | 71.6 | 71.6 | 71.6 |
| GE 1000 | 40.5 | 40.5 | 40.5 | 40.5 | 69.9 | 69.9 | 70.9 | 77.4 | 78.4 | 78.4 | 78.4 | 78.7 | 78.7 | 78.7 | 79.1 | 79.1 | 79.1 |
| GE 900 | 41.2 | 41.2 | 41.2 | 41.2 | 71.3 | 71.3 | 72.3 | 78.7 | 79.7 | 79.7 | 79.7 | 80.1 | 80.1 | 80.1 | 80.4 | 80.4 | 80.4 |
| GE 800 | 42.9 | 42.9 | 42.9 | 42.9 | 75.7 | 75.7 | 76.7 | 83.4 | 84.8 | 84.8 | 84.8 | 85.1 | 85.1 | 85.1 | 85.5 | 85.5 | 85.5 |
| GE 700 | 43.2 | 43.2 | 43.2 | 43.2 | 81.4 | 81.4 | 82.4 | 89.5 | 90.9 | 90.9 | 90.9 | 91.2 | 91.2 | 91.2 | 91.6 | 91.6 | 91.6 |
| GE 600 | 43.2 | 43.2 | 43.2 | 43.2 | 82.4 | 82.4 | 83.4 | 91.2 | 92.6 | 92.6 | 92.6 | 93.2 | 93.2 | 93.2 | 93.6 | 93.6 | 93.6 |
| GE 500 | 43.6 | 43.6 | 43.6 | 43.6 | 83.4 | 83.4 | 84.5 | 92.2 | 93.6 | 93.6 | 93.6 | 95.3 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 |
| GE 400 | 44.3 | 44.3 | 44.3 | 44.3 | 85.5 | 85.5 | 86.5 | 94.3 | 95.9 | 95.9 | 95.9 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 |
| GE 300 | 44.3 | 44.3 | 44.3 | 44.3 | 86.8 | 86.8 | 87.8 | 95.9 | 97.6 | 97.6 | 97.6 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 200 | 44.3 | 44.3 | 44.3 | 44.3 | 86.8 | 86.8 | 87.8 | 95.9 | 97.6 | 97.6 | 97.6 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 100 | 44.3 | 44.3 | 44.3 | 44.3 | 86.8 | 86.8 | 87.8 | 95.9 | 97.6 | 97.6 | 97.6 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 |
| GE 0 | 44.3 | 44.3 | 44.3 | 44.3 | 86.8 | 86.8 | 87.8 | 95.9 | 97.6 | 97.6 | 97.6 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 74-87
MONTH: JAN HOURS(IST): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|------------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 | GE
1/16 |
| NO CEIL | .0 | 15.5 | 15.5 | 15.6 | 15.6 | 22.0 | 22.1 | 22.3 | 23.3 | 23.4 | 23.4 | 23.5 | 23.5 | 23.6 | 23.6 | 23.6 | 23.6 |
| GE 20000 | .0 | 16.0 | 16.0 | 16.1 | 16.1 | 23.2 | 23.3 | 23.5 | 24.6 | 24.7 | 24.7 | 24.8 | 24.8 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 18000 | .0 | 16.0 | 16.0 | 16.1 | 16.1 | 23.2 | 23.3 | 23.5 | 24.6 | 24.7 | 24.7 | 24.8 | 24.8 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 16000 | .0 | 16.0 | 16.0 | 16.1 | 16.1 | 23.2 | 23.3 | 23.5 | 24.6 | 24.7 | 24.7 | 24.8 | 24.8 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 14000 | .0 | 16.0 | 16.0 | 16.1 | 16.1 | 23.2 | 23.3 | 23.5 | 24.6 | 24.7 | 24.7 | 24.8 | 24.8 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 12000 | .0 | 16.0 | 16.0 | 16.1 | 16.1 | 23.2 | 23.3 | 23.5 | 24.6 | 24.7 | 24.7 | 24.8 | 24.8 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 10000 | .0 | 21.3 | 21.3 | 21.4 | 21.4 | 33.0 | 33.2 | 33.5 | 35.7 | 35.9 | 35.9 | 36.3 | 36.3 | 36.4 | 36.4 | 36.4 | 36.4 |
| GE 9000 | .0 | 21.3 | 21.3 | 21.4 | 21.4 | 33.0 | 33.2 | 33.5 | 35.7 | 35.9 | 35.9 | 36.3 | 36.3 | 36.4 | 36.4 | 36.4 | 36.4 |
| GE 8000 | .0 | 21.3 | 21.3 | 21.4 | 21.4 | 33.0 | 33.2 | 33.5 | 35.7 | 35.9 | 35.9 | 36.3 | 36.3 | 36.4 | 36.4 | 36.4 | 36.4 |
| GE 7000 | .0 | 21.3 | 21.3 | 21.4 | 21.4 | 33.0 | 33.2 | 33.5 | 35.7 | 35.9 | 35.9 | 36.3 | 36.3 | 36.4 | 36.4 | 36.4 | 36.4 |
| GE 6000 | .0 | 21.3 | 21.3 | 21.4 | 21.4 | 33.1 | 33.3 | 33.6 | 35.8 | 36.0 | 36.0 | 36.4 | 36.4 | 36.5 | 36.5 | 36.5 | 36.5 |
| GE 5000 | .0 | 21.5 | 21.5 | 21.5 | 21.5 | 33.3 | 33.5 | 33.9 | 36.1 | 36.3 | 36.3 | 36.7 | 36.7 | 36.8 | 36.8 | 36.8 | 36.8 |
| GE 4500 | .0 | 21.6 | 21.6 | 21.7 | 21.7 | 33.6 | 33.8 | 34.1 | 36.4 | 36.6 | 36.6 | 37.0 | 37.0 | 37.1 | 37.1 | 37.1 | 37.1 |
| GE 4000 | .0 | 22.1 | 22.1 | 22.2 | 22.2 | 34.5 | 34.7 | 35.0 | 37.3 | 37.5 | 37.5 | 37.9 | 37.9 | 38.0 | 38.0 | 38.0 | 38.0 |
| GE 3500 | .0 | 22.3 | 22.3 | 22.4 | 22.4 | 34.8 | 35.0 | 35.3 | 37.7 | 37.9 | 37.9 | 38.2 | 38.2 | 38.4 | 38.4 | 38.4 | 38.4 |
| GE 3000 | .0 | 23.0 | 23.0 | 23.1 | 23.1 | 35.8 | 35.9 | 36.3 | 38.7 | 38.9 | 38.9 | 39.2 | 39.2 | 39.3 | 39.3 | 39.3 | 39.3 |
| GE 2500 | .0 | 26.7 | 26.7 | 26.8 | 26.8 | 40.8 | 41.0 | 41.3 | 43.9 | 44.1 | 44.2 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 |
| GE 2000 | .0 | 28.9 | 28.9 | 29.1 | 29.1 | 43.9 | 44.1 | 44.4 | 47.3 | 47.6 | 47.7 | 48.0 | 48.0 | 48.2 | 48.2 | 48.2 | 48.2 |
| GE 1800 | .0 | 29.9 | 29.9 | 30.0 | 30.0 | 45.4 | 45.6 | 45.9 | 48.9 | 49.4 | 49.4 | 49.8 | 49.8 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 1500 | .1 | 32.4 | 32.4 | 32.5 | 32.5 | 49.9 | 50.1 | 50.5 | 53.6 | 54.2 | 54.2 | 54.6 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 |
| GE 1200 | .1 | 39.0 | 39.0 | 39.1 | 39.1 | 64.4 | 64.8 | 65.3 | 69.9 | 70.5 | 70.6 | 71.2 | 71.2 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 1000 | .1 | 41.3 | 41.4 | 41.5 | 41.5 | 70.3 | 70.7 | 71.4 | 77.0 | 77.9 | 78.1 | 78.8 | 78.8 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 900 | .1 | 42.1 | 42.1 | 42.2 | 42.2 | 72.3 | 72.7 | 73.4 | 79.5 | 80.5 | 80.7 | 81.5 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 800 | .1 | 42.9 | 42.9 | 43.1 | 43.1 | 75.0 | 75.4 | 76.1 | 82.8 | 83.9 | 84.2 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 700 | .1 | 43.7 | 43.7 | 43.8 | 43.8 | 79.1 | 79.5 | 80.2 | 87.8 | 89.1 | 89.5 | 90.8 | 90.8 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 600 | .1 | 44.0 | 44.1 | 44.2 | 44.2 | 80.5 | 80.9 | 81.7 | 89.9 | 91.5 | 92.0 | 93.4 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 500 | .1 | 44.3 | 44.3 | 44.4 | 44.4 | 81.7 | 82.1 | 82.9 | 91.5 | 93.2 | 93.7 | 95.3 | 95.3 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 400 | .1 | 44.5 | 44.5 | 44.6 | 44.6 | 83.3 | 83.8 | 84.6 | 93.6 | 95.3 | 95.8 | 97.7 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 300 | .1 | 44.6 | 44.6 | 44.8 | 44.8 | 84.0 | 84.5 | 85.3 | 94.7 | 96.5 | 97.2 | 99.0 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 200 | .1 | 44.6 | 44.6 | 44.8 | 44.8 | 84.1 | 84.5 | 85.3 | 94.8 | 96.6 | 97.3 | 99.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 100 | .1 | 44.6 | 44.7 | 44.8 | 44.8 | 84.2 | 84.6 | 85.4 | 94.9 | 96.6 | 97.3 | 99.2 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 |
| GE 0 | .1 | 44.7 | 44.7 | 44.9 | 44.9 | 84.2 | 84.6 | 85.4 | 94.9 | 96.7 | 97.4 | 99.2 | 99.3 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(EST): 0000-0000

| CEILING
IN
FEET | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| NO CEIL | | 24.1 | 24.1 | 24.1 | 24.1 | 31.1 | 31.1 | 31.5 | 33.0 | 33.7 | 34.1 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| GE 20000 | | 24.8 | 24.8 | 24.8 | 24.8 | 32.2 | 32.2 | 32.6 | 34.4 | 35.2 | 35.6 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| GE 18000 | | 24.8 | 24.8 | 24.8 | 24.8 | 32.2 | 32.2 | 32.6 | 34.4 | 35.2 | 35.6 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| GE 16000 | | 24.8 | 24.8 | 24.8 | 24.8 | 32.2 | 32.2 | 32.6 | 34.4 | 35.2 | 35.6 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| GE 14000 | | 24.8 | 24.8 | 24.8 | 24.8 | 32.2 | 32.2 | 32.6 | 34.4 | 35.2 | 35.6 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| GE 12000 | | 24.8 | 24.8 | 24.8 | 24.8 | 32.2 | 32.2 | 32.6 | 34.4 | 35.2 | 35.6 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| GE 10000 | | 31.1 | 31.1 | 31.1 | 31.1 | 42.2 | 42.6 | 43.0 | 45.6 | 46.7 | 47.0 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| GE 9000 | | 31.1 | 31.1 | 31.1 | 31.1 | 42.2 | 42.6 | 43.0 | 45.6 | 46.7 | 47.0 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| GE 8000 | | 31.1 | 31.1 | 31.1 | 31.1 | 42.2 | 42.6 | 43.0 | 45.6 | 46.7 | 47.0 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| GE 7000 | | 31.1 | 31.1 | 31.1 | 31.1 | 42.2 | 42.6 | 43.0 | 45.6 | 46.7 | 47.0 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| GE 6000 | | 31.1 | 31.1 | 31.1 | 31.1 | 42.2 | 42.6 | 43.0 | 45.6 | 46.7 | 47.0 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| GE 5000 | | 31.5 | 31.5 | 31.5 | 31.5 | 42.6 | 43.0 | 43.3 | 45.9 | 47.0 | 47.4 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| GE 4500 | | 31.5 | 31.5 | 31.5 | 31.5 | 42.6 | 43.0 | 43.3 | 45.9 | 47.0 | 47.4 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| GE 4000 | | 31.5 | 31.9 | 31.9 | 31.9 | 43.3 | 43.7 | 44.1 | 46.7 | 47.8 | 48.1 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| GE 3500 | | 31.9 | 31.9 | 31.9 | 31.9 | 43.3 | 43.7 | 44.1 | 46.7 | 47.8 | 48.1 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| GE 3000 | | 32.2 | 32.2 | 32.2 | 32.2 | 44.1 | 44.4 | 44.8 | 47.4 | 48.5 | 48.9 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 2500 | | 34.8 | 34.8 | 34.8 | 34.8 | 47.8 | 48.1 | 48.5 | 51.1 | 52.6 | 53.0 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| GE 2000 | | 36.3 | 36.3 | 36.3 | 36.3 | 50.4 | 50.7 | 51.1 | 53.7 | 55.2 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| GE 1800 | | 37.4 | 37.4 | 37.4 | 37.4 | 52.2 | 52.6 | 53.0 | 55.6 | 57.0 | 57.4 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| GE 1500 | | 39.3 | 39.3 | 39.3 | 39.3 | 57.4 | 57.8 | 58.1 | 61.1 | 62.6 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| GE 1200 | | 43.7 | 43.7 | 43.7 | 43.7 | 66.3 | 66.7 | 67.0 | 70.0 | 71.5 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 1000 | | 45.9 | 45.9 | 45.9 | 45.9 | 71.1 | 71.9 | 72.2 | 75.6 | 77.4 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 900 | | 46.3 | 46.3 | 46.3 | 46.3 | 71.9 | 72.6 | 73.0 | 76.7 | 78.5 | 78.9 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 800 | | 47.0 | 47.0 | 47.0 | 47.0 | 74.8 | 75.9 | 76.3 | 81.1 | 83.3 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 700 | | 47.4 | 47.4 | 47.4 | 47.4 | 77.0 | 78.5 | 78.9 | 84.1 | 86.7 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 600 | | 47.8 | 47.8 | 47.8 | 47.8 | 79.3 | 80.7 | 81.1 | 86.7 | 89.3 | 90.4 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 500 | | 48.1 | 48.1 | 48.1 | 48.1 | 80.4 | 81.9 | 82.2 | 88.9 | 91.5 | 92.6 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 400 | | 48.1 | 48.1 | 48.1 | 48.1 | 82.2 | 83.7 | 84.1 | 91.9 | 94.4 | 95.6 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 300 | | 48.1 | 48.1 | 48.1 | 48.1 | 83.0 | 84.4 | 84.8 | 93.0 | 95.9 | 97.0 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 200 | | 48.1 | 48.1 | 48.1 | 48.1 | 83.0 | 84.4 | 84.8 | 93.0 | 95.9 | 97.0 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 100 | | 48.1 | 48.1 | 48.1 | 48.1 | 83.0 | 84.4 | 84.8 | 93.0 | 95.9 | 97.0 | 98.5 | 98.9 | 99.3 | 99.3 | 100.0 |
| GE 0 | | 48.1 | 48.1 | 48.1 | 48.1 | 83.0 | 84.4 | 84.8 | 93.0 | 95.9 | 97.0 | 98.5 | 98.9 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0100-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | | 23.6 | 23.6 | 23.6 | 23.6 | 28.7 | 28.7 | 29.5 | 32.7 | 33.1 | 33.1 | 33.8 | 33.8 | 33.4 | 27.8 | 27.8 |
| GE 20000 | 25.1 | 25.1 | 25.1 | 25.1 | 30.2 | 30.2 | 30.9 | 34.2 | 34.5 | 34.5 | 34.5 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 18000 | 25.1 | 25.1 | 25.1 | 25.1 | 30.2 | 30.2 | 30.9 | 34.2 | 34.5 | 34.5 | 34.5 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 16000 | 25.1 | 25.1 | 25.1 | 25.1 | 30.2 | 30.2 | 30.9 | 34.2 | 34.5 | 34.5 | 34.5 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 14000 | 25.1 | 25.1 | 25.1 | 25.1 | 30.2 | 30.2 | 30.9 | 34.2 | 34.5 | 34.5 | 34.5 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 12000 | 25.1 | 25.1 | 25.1 | 25.1 | 30.2 | 30.2 | 30.9 | 34.2 | 34.5 | 34.5 | 34.5 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 10000 | 32.4 | 32.4 | 32.4 | 32.4 | 40.7 | 40.7 | 41.5 | 45.1 | 45.5 | 45.5 | 45.5 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GE 9000 | 32.4 | 32.4 | 32.4 | 32.4 | 40.7 | 40.7 | 41.5 | 45.1 | 45.5 | 45.5 | 45.5 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GE 8000 | 32.4 | 32.4 | 32.4 | 32.4 | 40.7 | 40.7 | 41.5 | 45.1 | 45.5 | 45.5 | 45.5 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GE 7000 | 32.4 | 32.4 | 32.4 | 32.4 | 40.7 | 40.7 | 41.5 | 45.1 | 45.5 | 45.5 | 45.5 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GE 6000 | 32.4 | 32.4 | 32.4 | 32.4 | 40.7 | 40.7 | 41.5 | 45.1 | 45.5 | 45.5 | 45.5 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GE 5000 | 32.4 | 32.4 | 32.4 | 32.4 | 41.1 | 41.1 | 41.8 | 45.5 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 4500 | 32.4 | 32.4 | 32.4 | 32.4 | 41.5 | 41.5 | 42.2 | 45.8 | 46.2 | 46.2 | 46.2 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| GE 4000 | 33.5 | 33.5 | 33.5 | 33.5 | 42.5 | 42.5 | 43.3 | 46.9 | 47.3 | 47.3 | 47.3 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 3500 | 33.5 | 33.5 | 33.5 | 33.5 | 42.9 | 42.9 | 43.6 | 47.3 | 47.3 | 47.3 | 47.3 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 3000 | 34.2 | 34.2 | 34.2 | 34.2 | 43.6 | 43.6 | 44.4 | 48.0 | 48.0 | 48.0 | 48.0 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| GE 2500 | 38.2 | 38.2 | 38.5 | 38.5 | 46.7 | 46.7 | 49.5 | 53.1 | 53.8 | 53.8 | 53.8 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 2000 | 38.9 | 38.9 | 39.3 | 39.3 | 49.8 | 49.8 | 50.5 | 54.9 | 56.0 | 56.0 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 1800 | 39.6 | 39.6 | 40.0 | 40.0 | 51.3 | 51.3 | 52.0 | 56.4 | 57.5 | 57.5 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 1600 | 40.0 | 40.0 | 40.4 | 40.4 | 53.5 | 53.5 | 54.2 | 58.5 | 59.6 | 59.6 | 59.6 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 1200 | 42.2 | 42.2 | 42.5 | 42.5 | 62.2 | 62.2 | 63.3 | 67.6 | 68.7 | 68.7 | 68.7 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 1000 | 44.0 | 44.0 | 44.4 | 44.4 | 68.0 | 68.4 | 69.1 | 73.5 | 74.5 | 74.5 | 74.5 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 900 | 44.0 | 44.0 | 44.4 | 44.4 | 68.7 | 69.1 | 69.8 | 74.5 | 76.4 | 76.4 | 76.4 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 800 | 44.7 | 44.7 | 45.1 | 45.1 | 72.4 | 73.1 | 73.8 | 78.5 | 80.7 | 81.1 | 81.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.5 |
| GE 700 | 45.5 | 45.5 | 45.8 | 45.8 | 74.9 | 75.6 | 76.7 | 83.3 | 85.5 | 86.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.6 |
| GE 600 | 45.8 | 45.8 | 46.2 | 46.2 | 76.0 | 76.7 | 77.8 | 85.1 | 88.0 | 88.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.2 |
| GE 500 | 46.9 | 46.9 | 47.3 | 47.3 | 79.3 | 80.0 | 81.1 | 88.7 | 91.6 | 92.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.8 |
| GE 400 | 46.9 | 46.9 | 47.3 | 47.3 | 81.1 | 81.8 | 82.9 | 92.0 | 94.9 | 95.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.1 |
| GE 300 | 46.9 | 46.9 | 47.3 | 47.3 | 81.1 | 81.8 | 82.9 | 92.7 | 95.6 | 96.4 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 98.2 |
| GE 200 | 46.9 | 46.9 | 47.3 | 47.3 | 81.5 | 82.2 | 83.3 | 93.1 | 96.4 | 97.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.3 |
| GE 100 | 46.9 | 46.9 | 47.3 | 47.3 | 81.5 | 82.2 | 83.3 | 93.1 | 96.4 | 97.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 100.0 |
| GE 0 | 46.9 | 46.9 | 47.3 | 47.3 | 81.5 | 82.2 | 83.3 | 93.1 | 96.4 | 97.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260830 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 26-87
MONTH: 111 DOWNSIDE: 0000-0000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1/4 | GE
1/8 | GE
1/16 | GE
1/32 | GE
1/64 | GE
1/128 | GE
1/256 | GE
1/512 | GE
1/1024 | GE
1/2048 | GE
1/4096 | GE
1/8192 |
| NO CEIL | | 22.9 | 22.9 | 22.9 | 22.9 | 27.3 | 27.7 | 27.7 | 29.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| GE 20000 | | 23.2 | 23.2 | 23.2 | 23.2 | 28.0 | 28.4 | 28.4 | 29.9 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| GE 18000 | | 23.2 | 23.2 | 23.2 | 23.2 | 28.0 | 28.4 | 28.4 | 29.9 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| GE 16000 | | 23.2 | 23.2 | 23.2 | 23.2 | 28.0 | 28.4 | 28.4 | 29.9 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| GE 14000 | | 23.2 | 23.2 | 23.2 | 23.2 | 28.0 | 28.4 | 28.4 | 29.9 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| GE 12000 | | 23.2 | 23.2 | 23.2 | 23.2 | 28.0 | 28.4 | 28.4 | 29.9 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| GE 10000 | | 28.0 | 28.0 | 28.0 | 28.0 | 36.2 | 36.5 | 36.5 | 39.5 | 40.2 | 40.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| GE 9000 | | 28.0 | 28.0 | 28.0 | 28.0 | 36.2 | 36.5 | 36.5 | 39.5 | 40.2 | 40.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| GE 8000 | | 28.0 | 28.0 | 28.0 | 28.0 | 36.2 | 36.5 | 36.5 | 39.5 | 40.2 | 40.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| GE 7000 | | 28.0 | 28.0 | 28.0 | 28.0 | 36.2 | 36.5 | 36.5 | 39.5 | 40.2 | 40.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| GE 6000 | | 28.0 | 28.0 | 28.0 | 28.0 | 36.2 | 36.5 | 36.5 | 39.5 | 40.2 | 40.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| GE 5000 | | 28.0 | 28.0 | 28.0 | 28.0 | 36.2 | 36.5 | 36.5 | 39.5 | 40.2 | 40.2 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| GE 4500 | | 28.4 | 28.4 | 28.4 | 28.4 | 36.5 | 36.9 | 36.9 | 39.9 | 40.6 | 40.6 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 4000 | | 28.4 | 28.4 | 28.4 | 28.4 | 36.5 | 36.9 | 36.9 | 39.9 | 40.6 | 40.6 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 3500 | | 28.4 | 28.4 | 28.4 | 28.4 | 36.5 | 36.9 | 36.9 | 39.9 | 40.6 | 40.6 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 3000 | | 28.4 | 28.4 | 28.4 | 28.4 | 36.9 | 37.3 | 37.3 | 40.6 | 41.3 | 41.3 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| GE 2500 | | 31.4 | 31.4 | 31.4 | 31.4 | 40.6 | 41.0 | 41.0 | 44.3 | 45.0 | 45.0 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 2000 | | 32.8 | 32.8 | 32.8 | 32.8 | 43.2 | 43.5 | 43.5 | 46.9 | 47.6 | 47.6 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| GE 1800 | | 33.9 | 33.9 | 33.9 | 33.9 | 44.6 | 45.0 | 45.0 | 48.3 | 49.1 | 49.1 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| GE 1500 | | 35.1 | 35.1 | 35.1 | 35.1 | 47.6 | 48.0 | 48.0 | 51.7 | 52.4 | 52.4 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| GE 1200 | | 40.2 | 40.2 | 40.2 | 40.2 | 56.5 | 57.2 | 57.2 | 63.1 | 63.8 | 63.8 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| GE 1000 | | 43.9 | 43.9 | 43.9 | 43.9 | 60.8 | 67.5 | 67.5 | 74.5 | 75.3 | 75.3 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 900 | | 43.9 | 43.9 | 43.9 | 43.9 | 67.5 | 68.3 | 68.3 | 75.6 | 76.4 | 76.4 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE 800 | | 44.3 | 44.3 | 44.3 | 44.3 | 70.5 | 71.2 | 71.2 | 79.0 | 79.7 | 79.7 | 80.1 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 700 | | 44.6 | 44.6 | 44.6 | 44.6 | 73.4 | 74.2 | 74.2 | 83.8 | 84.6 | 84.6 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 600 | | 45.4 | 45.4 | 45.4 | 45.4 | 75.6 | 76.4 | 76.4 | 86.7 | 87.8 | 87.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 500 | | 45.4 | 45.4 | 45.4 | 45.4 | 76.4 | 77.1 | 77.1 | 88.6 | 89.4 | 89.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 400 | | 46.1 | 46.1 | 46.1 | 46.1 | 77.1 | 77.9 | 77.9 | 91.1 | 92.7 | 92.7 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 300 | | 46.1 | 46.1 | 46.1 | 46.1 | 78.6 | 79.3 | 79.3 | 90.4 | 93.0 | 93.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 200 | | 46.1 | 46.1 | 46.1 | 46.1 | 79.0 | 79.7 | 79.7 | 90.8 | 93.4 | 93.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 100 | | 46.1 | 46.1 | 46.1 | 46.1 | 79.0 | 79.7 | 79.7 | 90.8 | 93.4 | 93.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 0 | | 46.1 | 46.1 | 46.1 | 46.1 | 79.0 | 79.7 | 79.7 | 93.8 | 93.8 | 93.8 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTHS: FEB HOURS: 0900-1100

| CEILING
IN
FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | VISIBILITY IN STATUTE MILES | | | | | VISIBILITY IN STATUTE MILES | | | | | VISIBILITY IN STATUTE MILES | | | | |
|-----------------------|---|-----------------------------|---------|---------|---------|---------|-----------------------------|---------|-------------|-------------|---------|-----------------------------|-----------|-----------|------------|-----------|-----------------------------|-----------|------------|------------|------------|
| | | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
3/8 | GE
1/8 | GE
1/16 | GE
1/32 | GE
1/64 |
| NO CEIL | 1 | | 16.3 | 16.3 | 16.3 | 16.3 | 22.4 | 22.4 | 22.4 | 22.4 | 23.2 | 24.0 | 24.4 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 |
| GE 20000 | | 16.7 | 16.7 | 16.7 | 16.7 | 23.2 | 23.2 | 23.2 | 24.0 | 24.4 | 24.8 | 25.2 | 25.6 | 26.0 | 26.4 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| GE 18000 | | 16.7 | 16.7 | 16.7 | 16.7 | 23.2 | 23.2 | 23.2 | 24.0 | 24.4 | 24.8 | 25.2 | 25.6 | 26.0 | 26.4 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| GE 16000 | | 16.7 | 16.7 | 16.7 | 16.7 | 23.2 | 23.2 | 23.2 | 24.0 | 24.4 | 24.8 | 25.2 | 25.6 | 26.0 | 26.4 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| GE 14000 | | 16.7 | 16.7 | 16.7 | 16.7 | 23.2 | 23.2 | 23.2 | 24.0 | 24.4 | 24.8 | 25.2 | 25.6 | 26.0 | 26.4 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| GE 12000 | | 16.7 | 16.7 | 16.7 | 16.7 | 23.2 | 23.2 | 23.2 | 24.0 | 24.4 | 24.8 | 25.2 | 25.6 | 26.0 | 26.4 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| GE 10000 | | 22.8 | 22.8 | 22.8 | 22.8 | 33.3 | 33.3 | 33.3 | 36.6 | 37.8 | 39.0 | 40.2 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| GE 9000 | | 22.8 | 22.8 | 22.8 | 22.8 | 33.3 | 33.3 | 33.3 | 36.6 | 37.8 | 39.0 | 40.2 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| GE 8000 | | 22.8 | 22.8 | 22.8 | 22.8 | 33.3 | 33.3 | 33.3 | 36.6 | 37.8 | 39.0 | 40.2 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| GE 7000 | | 22.8 | 22.8 | 22.8 | 22.8 | 33.3 | 33.3 | 33.3 | 36.6 | 37.8 | 39.0 | 40.2 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| GE 6000 | | 22.8 | 22.8 | 22.8 | 22.8 | 33.3 | 33.3 | 33.3 | 36.6 | 37.8 | 39.0 | 40.2 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| GE 5000 | | 23.2 | 23.2 | 23.2 | 23.2 | 33.7 | 33.7 | 33.7 | 37.0 | 38.2 | 39.4 | 40.7 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| GE 4500 | | 23.2 | 23.2 | 23.2 | 23.2 | 33.7 | 33.7 | 33.7 | 37.0 | 38.2 | 39.4 | 40.7 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| GE 4000 | | 23.6 | 23.6 | 23.6 | 23.6 | 34.1 | 34.1 | 34.1 | 37.4 | 38.6 | 39.8 | 41.1 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GE 3500 | | 23.6 | 23.6 | 23.6 | 23.6 | 34.6 | 34.6 | 34.6 | 37.8 | 39.0 | 40.2 | 41.5 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| GE 3000 | | 24.4 | 24.4 | 24.4 | 24.4 | 35.8 | 35.8 | 35.8 | 39.4 | 40.7 | 41.9 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| GE 2500 | | 26.0 | 26.0 | 26.0 | 26.0 | 37.4 | 37.4 | 37.4 | 41.1 | 42.3 | 43.5 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| GE 2000 | | 26.8 | 26.8 | 26.8 | 26.8 | 40.2 | 40.2 | 40.2 | 43.9 | 45.1 | 46.3 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 1800 | | 28.5 | 28.5 | 28.5 | 28.5 | 42.3 | 42.3 | 42.3 | 45.9 | 47.2 | 48.4 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 1600 | | 31.3 | 31.3 | 31.3 | 31.3 | 46.7 | 46.7 | 46.7 | 50.8 | 52.0 | 53.2 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| GE 1400 | | 34.6 | 34.6 | 35.0 | 35.0 | 55.3 | 55.3 | 55.3 | 60.2 | 61.8 | 63.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| GE 1200 | | 36.2 | 36.2 | 36.6 | 36.6 | 59.8 | 59.8 | 59.8 | 65.9 | 67.9 | 69.1 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 1000 | | 36.6 | 36.6 | 37.0 | 37.0 | 61.0 | 61.0 | 61.0 | 68.3 | 70.7 | 72.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 900 | | 39.0 | 39.0 | 39.4 | 39.4 | 66.3 | 66.3 | 66.3 | 74.7 | 76.8 | 78.0 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 800 | | 39.8 | 39.8 | 40.2 | 40.2 | 69.1 | 69.1 | 69.1 | 77.6 | 79.6 | 80.5 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 700 | | 41.1 | 41.1 | 41.5 | 41.5 | 72.4 | 72.4 | 72.4 | 81.3 | 84.1 | 86.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 600 | | 41.9 | 41.9 | 42.3 | 42.3 | 74.4 | 74.4 | 74.4 | 83.7 | 86.0 | 87.2 | 90.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 500 | | 42.3 | 42.3 | 42.7 | 42.7 | 77.2 | 77.2 | 77.2 | 87.8 | 91.1 | 91.5 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 400 | | 42.7 | 42.7 | 43.1 | 43.1 | 78.0 | 78.0 | 78.0 | 89.0 | 92.3 | 94.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 300 | | 42.7 | 42.7 | 43.1 | 43.1 | 78.0 | 78.0 | 78.0 | 89.0 | 92.3 | 94.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 200 | | 42.7 | 42.7 | 43.1 | 43.1 | 78.0 | 78.0 | 78.0 | 89.0 | 92.3 | 94.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 100 | | 42.7 | 42.7 | 43.1 | 43.1 | 78.0 | 78.0 | 78.0 | 89.0 | 92.3 | 94.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 0 | | 42.7 | 42.7 | 43.1 | 43.1 | 78.0 | 78.0 | 78.0 | 89.0 | 92.3 | 94.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1200-1400

| CEILING
IN
FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|----|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|
| | | GE 10 | GE 6 | GE 5 | GF 4 | GE 3 | GE 2 1/2 | GE 2 | GF 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GF 5/8 | GE 1/2 | GF 5/16 | GE 1/4 |
| NO CEIL | | | 18.3 | 18.3 | 18.3 | 19.3 | 26.7 | 27.1 | 27.1 | 29.3 | 29.7 | 29.7 | 30.4 | 30.4 | 30.4 | 30.4 |
| GF 20000 | .4 | 19.8 | 19.8 | 19.8 | 19.8 | 28.9 | 29.3 | 29.3 | 32.2 | 32.6 | 32.6 | 32.6 | 33.3 | 33.3 | 33.7 | 33.7 |
| GF 18000 | .4 | 19.8 | 19.8 | 19.8 | 19.8 | 28.9 | 29.3 | 29.3 | 32.2 | 32.6 | 32.6 | 32.6 | 33.3 | 33.3 | 33.7 | 33.7 |
| GF 16000 | .4 | 19.8 | 19.8 | 19.8 | 19.8 | 28.9 | 29.3 | 29.3 | 32.2 | 32.6 | 32.6 | 32.6 | 33.3 | 33.3 | 33.7 | 33.7 |
| GF 14000 | .4 | 19.8 | 19.8 | 19.8 | 19.8 | 28.9 | 29.3 | 29.3 | 32.2 | 32.6 | 32.6 | 32.6 | 33.3 | 33.3 | 33.7 | 33.7 |
| GF 12000 | .4 | 19.8 | 19.8 | 19.8 | 19.8 | 28.9 | 29.3 | 29.3 | 32.2 | 32.6 | 32.6 | 32.6 | 33.3 | 33.3 | 33.7 | 33.7 |
| GF 10000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 9000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 8000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 7000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 6000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 5000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 4500 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 4000 | .4 | 25.6 | 25.6 | 25.6 | 25.6 | 41.8 | 42.1 | 42.1 | 48.0 | 48.7 | 48.7 | 48.7 | 50.9 | 50.9 | 51.3 | 51.3 |
| GF 3500 | .4 | 26.0 | 26.0 | 26.0 | 26.0 | 42.1 | 42.5 | 42.9 | 48.7 | 49.5 | 49.5 | 49.5 | 51.6 | 51.6 | 52.0 | 52.0 |
| GF 3000 | .4 | 26.0 | 26.0 | 26.0 | 26.0 | 42.1 | 42.5 | 42.9 | 48.7 | 49.5 | 49.5 | 49.5 | 51.6 | 51.6 | 52.0 | 52.0 |
| GF 2500 | .4 | 30.4 | 30.4 | 30.4 | 30.4 | 48.9 | 47.3 | 47.6 | 53.5 | 54.2 | 54.2 | 54.2 | 56.4 | 56.4 | 56.8 | 56.8 |
| GF 2000 | .4 | 30.8 | 30.8 | 30.8 | 30.8 | 47.3 | 47.6 | 48.0 | 53.8 | 54.6 | 54.6 | 54.6 | 56.8 | 56.8 | 57.1 | 57.1 |
| GF 1800 | .4 | 31.5 | 31.5 | 31.5 | 31.5 | 48.0 | 48.4 | 48.7 | 54.6 | 55.3 | 55.3 | 55.3 | 57.5 | 57.5 | 57.9 | 57.9 |
| GF 1600 | .4 | 32.6 | 32.6 | 32.6 | 32.6 | 49.5 | 49.8 | 50.2 | 56.0 | 57.1 | 57.2 | 57.2 | 59.7 | 59.7 | 60.1 | 60.1 |
| GF 1400 | .4 | 38.1 | 38.1 | 38.1 | 38.1 | 60.8 | 61.2 | 61.5 | 67.2 | 70.7 | 71.4 | 71.4 | 73.3 | 73.3 | 73.6 | 73.6 |
| GF 1200 | .4 | 39.6 | 39.6 | 39.6 | 39.6 | 64.1 | 64.5 | 65.2 | 74.7 | 76.2 | 76.2 | 76.2 | 78.4 | 78.4 | 79.1 | 79.1 |
| GF 900 | .4 | 39.4 | 39.9 | 39.9 | 39.9 | 64.8 | 65.2 | 65.9 | 75.8 | 77.3 | 77.3 | 77.3 | 79.9 | 79.9 | 80.2 | 80.2 |
| GF 800 | .4 | 40.3 | 40.3 | 40.3 | 40.3 | 66.7 | 67.0 | 67.4 | 78.4 | 80.2 | 80.2 | 80.2 | 82.8 | 82.8 | 83.2 | 83.2 |
| GF 700 | .4 | 42.1 | 42.1 | 42.1 | 42.1 | 71.8 | 72.2 | 72.9 | 83.5 | 86.1 | 86.1 | 86.1 | 89.4 | 89.4 | 89.7 | 89.7 |
| GF 600 | .4 | 42.5 | 42.5 | 42.5 | 42.5 | 74.7 | 75.1 | 75.8 | 86.4 | 89.4 | 89.4 | 89.4 | 92.1 | 92.1 | 93.4 | 93.4 |
| GF 500 | .4 | 42.9 | 42.9 | 42.9 | 42.9 | 76.2 | 76.6 | 77.3 | 89.0 | 91.9 | 91.9 | 91.9 | 95.6 | 95.6 | 96.0 | 96.0 |
| GF 400 | .4 | 42.9 | 42.9 | 42.9 | 42.9 | 76.2 | 76.6 | 77.3 | 89.0 | 91.9 | 91.9 | 91.9 | 95.6 | 95.6 | 96.0 | 96.0 |
| GF 300 | .4 | 42.9 | 42.9 | 42.9 | 42.9 | 76.2 | 76.6 | 77.3 | 90.1 | 94.1 | 94.1 | 94.1 | 98.2 | 98.2 | 98.5 | 98.5 |
| GF 200 | .4 | 42.9 | 42.9 | 42.9 | 42.9 | 76.6 | 76.9 | 77.7 | 90.5 | 94.9 | 94.9 | 94.9 | 98.9 | 98.9 | 99.3 | 99.3 |
| GF 100 | .4 | 42.9 | 42.9 | 42.9 | 42.9 | 76.6 | 76.9 | 77.7 | 90.5 | 94.9 | 94.9 | 94.9 | 98.9 | 98.9 | 99.6 | 99.6 |
| GF 0 | .4 | 42.9 | 42.9 | 42.9 | 42.9 | 76.6 | 76.9 | 77.7 | 90.5 | 94.9 | 94.9 | 94.9 | 98.9 | 98.9 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 74-87
MONTH: FEB HOURS(CT): 1600-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 1/2 | GE 1/2 | GE 1/2 | GE 1/2 | GE 1/2 | GE 1/2 | GE 1/2 | GE 1/2 |
| NO CEIL | 1 | | 23.1 | 23.1 | 23.1 | 23.1 | 33.3 | 33.3 | 33.3 | 35.7 | 35.9 | 37.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| GE 20000 | | | 25.3 | 25.3 | 25.3 | 25.3 | 36.6 | 36.6 | 36.6 | 39.9 | 40.3 | 41.7 | 41.4 | 41.4 | 41.4 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 18000 | | | 25.3 | 25.3 | 25.3 | 25.3 | 36.6 | 36.6 | 36.6 | 39.9 | 40.3 | 41.7 | 41.4 | 41.4 | 41.4 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 16000 | | | 25.3 | 25.3 | 25.3 | 25.3 | 36.6 | 36.6 | 36.6 | 39.9 | 40.3 | 41.7 | 41.4 | 41.4 | 41.4 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 14000 | | | 25.3 | 25.3 | 25.3 | 25.3 | 36.6 | 36.6 | 36.6 | 39.9 | 40.3 | 41.7 | 41.4 | 41.4 | 41.4 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 12000 | | | 25.3 | 25.3 | 25.3 | 25.3 | 36.6 | 36.6 | 36.6 | 39.9 | 40.3 | 41.7 | 41.4 | 41.4 | 41.4 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 10000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 49.8 | 50.2 | 50.2 | 54.9 | 56.0 | 57.1 | 57.5 | 57.5 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 9000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 49.8 | 50.2 | 50.2 | 54.9 | 56.0 | 57.1 | 57.5 | 57.5 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 8000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 49.8 | 50.2 | 50.2 | 54.9 | 56.0 | 57.1 | 57.5 | 57.5 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 7000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 49.8 | 50.2 | 50.2 | 54.9 | 56.0 | 57.1 | 57.5 | 57.5 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 6000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 49.8 | 50.2 | 50.2 | 54.9 | 56.0 | 57.1 | 57.5 | 57.5 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 5000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 50.2 | 50.5 | 50.5 | 55.3 | 56.4 | 57.5 | 57.9 | 57.9 | 57.9 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 4500 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 50.2 | 50.5 | 50.5 | 55.3 | 56.4 | 57.5 | 57.9 | 57.9 | 57.9 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 4000 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 50.2 | 50.5 | 50.5 | 55.3 | 56.4 | 57.5 | 57.9 | 57.9 | 57.9 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 3500 | | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 50.2 | 50.5 | 50.5 | 55.3 | 56.4 | 57.5 | 57.9 | 57.9 | 57.9 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 3000 | | .4 | 33.7 | 33.7 | 33.7 | 33.7 | 50.9 | 51.3 | 51.6 | 56.4 | 57.5 | 58.6 | 59.0 | 59.0 | 59.0 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 2500 | | .4 | 35.9 | 35.9 | 35.9 | 35.9 | 54.2 | 54.6 | 54.9 | 59.7 | 60.8 | 61.9 | 62.3 | 62.3 | 62.3 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 2000 | | .4 | 36.6 | 36.6 | 36.6 | 36.6 | 55.7 | 56.0 | 56.4 | 61.2 | 62.3 | 63.7 | 63.7 | 63.7 | 63.7 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 1800 | | .4 | 37.7 | 37.7 | 37.7 | 37.7 | 57.1 | 57.5 | 57.9 | 62.6 | 63.7 | 64.8 | 65.2 | 65.2 | 65.2 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 1600 | | .4 | 40.7 | 40.7 | 40.7 | 40.7 | 61.5 | 61.9 | 62.3 | 67.0 | 68.1 | 69.7 | 69.6 | 69.6 | 69.6 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 1200 | | .4 | 48.7 | 48.7 | 48.7 | 48.7 | 72.9 | 73.3 | 73.6 | 79.1 | 80.2 | 81.3 | 81.7 | 81.7 | 81.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 1000 | | .4 | 50.2 | 50.2 | 50.2 | 50.2 | 75.8 | 76.2 | 76.6 | 82.8 | 83.9 | 85.0 | 85.3 | 85.3 | 85.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 900 | | .4 | 50.2 | 50.2 | 50.2 | 50.2 | 76.2 | 76.6 | 76.9 | 84.2 | 85.3 | 86.4 | 86.8 | 86.8 | 86.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 800 | | .4 | 50.5 | 50.5 | 50.5 | 50.5 | 77.7 | 78.0 | 78.4 | 87.2 | 88.3 | 89.4 | 89.7 | 89.7 | 89.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 700 | | .4 | 51.6 | 51.6 | 51.6 | 51.6 | 81.0 | 81.3 | 81.7 | 90.8 | 91.9 | 93.0 | 93.4 | 93.4 | 93.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 600 | | .4 | 52.0 | 52.0 | 52.0 | 52.0 | 82.1 | 82.4 | 82.8 | 91.9 | 93.0 | 94.1 | 94.5 | 94.5 | 94.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 500 | | .4 | 52.7 | 52.7 | 52.7 | 52.7 | 83.5 | 83.9 | 84.2 | 94.1 | 95.2 | 96.3 | 96.7 | 96.7 | 96.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 400 | | .4 | 52.7 | 52.7 | 52.7 | 52.7 | 85.0 | 85.3 | 85.7 | 95.6 | 96.7 | 97.8 | 98.2 | 98.2 | 98.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | | .4 | 52.7 | 52.7 | 52.7 | 52.7 | 85.3 | 85.7 | 86.1 | 96.0 | 97.1 | 98.2 | 98.9 | 98.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | .4 | 52.7 | 52.7 | 52.7 | 52.7 | 85.3 | 85.7 | 86.1 | 96.0 | 97.1 | 98.2 | 98.9 | 98.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | .4 | 52.7 | 52.7 | 52.7 | 52.7 | 85.3 | 85.7 | 86.1 | 96.0 | 97.1 | 98.2 | 98.9 | 98.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | .4 | 52.7 | 52.7 | 52.7 | 52.7 | 85.3 | 85.7 | 86.1 | 96.0 | 97.1 | 98.2 | 98.9 | 98.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2000

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|---|-----------------------------|------|------|------|------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|--|
| IN FEET | 1 | GE 10 | GE 6 | GF 5 | GF 4 | GE 3 | GE 2 | GF 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GF 5/8 | GE 1/2 | GE 5/16 | GF 1/4 | GF 0 | |
| NO CEIL | 1 | .4 | 25.0 | 25.0 | 25.4 | 25.4 | 32.2 | 32.2 | 32.2 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | |
| GE 20000 | | .4 | 26.5 | 26.5 | 26.9 | 26.9 | 34.8 | 34.8 | 34.8 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | |
| GE 18000 | | .4 | 26.9 | 26.9 | 27.3 | 27.3 | 35.2 | 35.2 | 35.2 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | |
| GE 16000 | | .4 | 26.9 | 26.9 | 27.3 | 27.3 | 35.2 | 35.2 | 35.2 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | |
| GF 14000 | | .4 | 26.9 | 26.9 | 27.3 | 27.3 | 35.2 | 35.2 | 35.2 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | |
| GE 12000 | | .4 | 26.9 | 26.9 | 27.3 | 27.3 | 35.2 | 35.2 | 35.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | |
| GF 10000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GE 9000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GE 8000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GE 7000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GF 6000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GF 5000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GE 4000 | | .4 | 35.2 | 35.2 | 35.6 | 35.6 | 47.3 | 47.3 | 47.7 | 51.1 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | |
| GE 4000 | | .4 | 35.6 | 35.6 | 36.0 | 36.0 | 48.1 | 48.5 | 48.9 | 52.3 | 52.7 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | |
| GE 3000 | | .4 | 36.0 | 36.0 | 36.4 | 36.4 | 48.5 | 48.9 | 49.2 | 53.0 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | |
| GF 3000 | | .4 | 36.7 | 36.7 | 37.1 | 37.1 | 49.6 | 50.0 | 50.4 | 54.2 | 54.5 | 54.5 | 54.9 | 54.9 | 54.9 | 54.9 | |
| GF 2000 | | .4 | 39.4 | 39.4 | 39.8 | 39.8 | 53.8 | 54.2 | 54.5 | 58.3 | 58.7 | 58.7 | 59.1 | 59.1 | 59.1 | 59.1 | |
| GF 2000 | | .4 | 41.3 | 41.3 | 41.7 | 41.7 | 57.2 | 57.6 | 58.0 | 61.7 | 62.1 | 62.5 | 62.9 | 62.9 | 62.9 | 62.9 | |
| GF 1800 | | .4 | 42.0 | 42.0 | 42.4 | 42.4 | 58.3 | 58.7 | 59.1 | 63.3 | 63.6 | 64.0 | 64.4 | 64.4 | 64.4 | 64.4 | |
| GF 1500 | | .4 | 44.7 | 44.7 | 45.1 | 45.1 | 62.1 | 62.5 | 62.9 | 67.0 | 67.4 | 67.8 | 68.2 | 68.6 | 68.6 | 68.6 | |
| GF 1200 | | .4 | 51.5 | 51.5 | 51.9 | 51.9 | 73.1 | 73.5 | 74.2 | 78.4 | 78.8 | 79.2 | 79.6 | 79.9 | 79.9 | 79.9 | |
| GE 1000 | | .4 | 53.4 | 53.4 | 53.8 | 53.8 | 77.3 | 77.7 | 78.8 | 83.3 | 83.7 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | |
| GE 900 | | .4 | 53.8 | 53.8 | 54.2 | 54.2 | 78.4 | 78.8 | 79.9 | 85.2 | 85.6 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | |
| GE 800 | | .4 | 54.9 | 54.9 | 55.3 | 55.3 | 79.9 | 80.3 | 81.4 | 87.1 | 87.5 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | |
| GF 700 | | .4 | 55.3 | 55.3 | 55.7 | 55.7 | 82.6 | 83.0 | 84.1 | 90.2 | 90.5 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | |
| GE 600 | | .4 | 55.3 | 55.3 | 55.7 | 55.7 | 83.0 | 83.3 | 84.5 | 90.2 | 91.3 | 92.4 | 93.2 | 93.2 | 93.2 | 93.2 | |
| GF 500 | | .4 | 55.3 | 55.3 | 55.7 | 55.7 | 84.1 | 84.5 | 85.6 | 92.4 | 92.8 | 94.3 | 95.1 | 95.1 | 95.1 | 95.1 | |
| GE 400 | | .4 | 55.7 | 55.7 | 56.1 | 56.1 | 86.4 | 86.7 | 87.9 | 94.7 | 95.1 | 96.6 | 98.1 | 98.1 | 98.1 | 98.1 | |
| GE 300 | | .4 | 55.7 | 55.7 | 56.1 | 56.1 | 86.7 | 87.1 | 88.3 | 95.1 | 95.5 | 97.0 | 98.9 | 98.9 | 99.2 | 99.2 | |
| GE 200 | | .4 | 55.7 | 55.7 | 56.1 | 56.1 | 86.7 | 87.1 | 88.3 | 95.1 | 95.5 | 97.0 | 98.9 | 98.9 | 99.2 | 100.0 | |
| GE 100 | | .4 | 55.7 | 55.7 | 56.1 | 56.1 | 86.7 | 87.1 | 88.3 | 95.1 | 95.5 | 97.0 | 98.9 | 98.9 | 99.2 | 100.0 | |
| GF 0 | | .4 | 55.7 | 55.7 | 56.1 | 56.1 | 86.7 | 87.1 | 88.3 | 95.1 | 95.5 | 97.0 | 98.9 | 98.9 | 99.2 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS/STATION: 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | | 26.3 | 26.3 | 26.3 | 26.3 | 33.0 | 33.0 | 33.0 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 |
| GE 20000 | | 26.3 | 26.3 | 26.3 | 26.3 | 34.4 | 34.4 | 34.4 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| GE 18000 | | 26.3 | 26.3 | 26.3 | 26.3 | 34.4 | 34.4 | 34.4 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| GE 16000 | | 26.3 | 26.3 | 26.3 | 26.3 | 34.4 | 34.4 | 34.4 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| GE 14000 | | 26.3 | 26.3 | 26.3 | 26.3 | 34.4 | 34.4 | 34.4 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| GE 12000 | | 26.3 | 26.3 | 26.3 | 26.3 | 34.4 | 34.4 | 34.4 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| GE 10000 | | 33.3 | 33.3 | 33.3 | 33.3 | 45.9 | 45.9 | 45.9 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| GE 9000 | | 33.3 | 33.3 | 33.3 | 33.3 | 45.9 | 45.9 | 45.9 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| GE 8000 | | 33.3 | 33.3 | 33.3 | 33.3 | 45.9 | 45.9 | 45.9 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| GE 7000 | | 33.3 | 33.3 | 33.3 | 33.3 | 45.9 | 45.9 | 45.9 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| GE 6000 | | 33.3 | 33.3 | 33.3 | 33.3 | 45.9 | 45.9 | 45.9 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| GE 5000 | | 33.7 | 33.7 | 33.7 | 33.7 | 46.7 | 46.7 | 46.7 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| GE 4500 | | 33.7 | 33.7 | 33.7 | 33.7 | 46.7 | 46.7 | 46.7 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| GE 4000 | | 33.7 | 33.7 | 33.7 | 33.7 | 46.7 | 46.7 | 46.7 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| GE 3500 | | 33.7 | 33.7 | 33.7 | 33.7 | 46.7 | 46.7 | 46.7 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| GE 3000 | | 34.1 | 34.1 | 34.1 | 34.1 | 47.8 | 47.8 | 47.8 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| GE 2500 | | 37.0 | 37.0 | 37.0 | 37.0 | 51.1 | 51.1 | 51.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| GE 2000 | | 39.3 | 39.3 | 39.3 | 39.3 | 53.7 | 53.7 | 53.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 1800 | | 39.3 | 39.3 | 39.3 | 39.3 | 54.1 | 54.1 | 54.1 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| GE 1500 | | 41.5 | 41.5 | 41.5 | 41.5 | 57.4 | 57.4 | 57.4 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 1200 | | 47.0 | 47.0 | 47.0 | 47.4 | 71.5 | 71.5 | 71.5 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 1000 | | 48.1 | 48.1 | 48.1 | 48.5 | 75.2 | 75.6 | 75.6 | 81.5 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.6 |
| GE 900 | | 48.1 | 48.1 | 48.1 | 48.5 | 76.7 | 77.0 | 77.0 | 83.0 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 84.1 |
| GE 800 | | 48.5 | 48.5 | 48.5 | 48.9 | 78.5 | 78.9 | 78.9 | 85.6 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.7 |
| GE 700 | | 49.3 | 49.3 | 49.3 | 49.6 | 80.4 | 80.7 | 80.7 | 88.5 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 90.4 |
| GE 600 | | 49.6 | 49.6 | 49.6 | 50.0 | 83.7 | 84.1 | 84.1 | 91.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 94.4 |
| GE 500 | | 49.6 | 49.6 | 49.6 | 50.0 | 84.1 | 84.4 | 84.4 | 92.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 95.2 |
| GE 400 | | 49.6 | 49.6 | 49.6 | 50.0 | 84.8 | 85.2 | 85.2 | 94.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 96.7 |
| GE 300 | | 49.6 | 49.6 | 49.6 | 50.0 | 85.6 | 85.9 | 85.9 | 94.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 98.9 |
| GE 200 | | 49.6 | 49.6 | 49.6 | 50.0 | 85.6 | 85.9 | 85.9 | 95.2 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 100.0 |
| GE 100 | | 49.6 | 49.6 | 49.6 | 50.0 | 85.6 | 85.9 | 85.9 | 95.2 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 100.0 |
| GE 0 | | 49.6 | 49.6 | 49.6 | 50.0 | 85.6 | 85.9 | 85.9 | 95.2 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 270

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VALUES VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(DST): ALL

| CEILING | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|-----------------------------|----|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|
| | 1 | GE | GF | GE | GF | GE | GE | GE | GF | GF | GF | GF | GF | GF | GF | GF |
| | FEET | 1 | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 2/3 | 1/2 | 1/16 | 1/4 |
| NO | CEIL | 1 | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 2/3 | 1/2 | 1/16 | 1/4 |
| 0 | 0 | 1 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 |
| GF 20000 | 1 | 1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| GF 18000 | 1 | 1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| GF 16000 | 1 | 1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| GF 14000 | 1 | 1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| GF 12000 | 1 | 1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| GF 10000 | 1 | 1 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GF 9000 | 1 | 1 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GF 8000 | 1 | 1 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GF 7000 | 1 | 1 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GF 6000 | 1 | 1 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GF 5000 | 1 | 1 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 |
| GF 4500 | 1 | 1 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 |
| GF 4000 | 1 | 1 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 |
| GF 3500 | 1 | 1 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 |
| GF 3000 | 1 | 1 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 |
| GF 2500 | 1 | 1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| GF 2000 | 1 | 1 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 |
| GF 1800 | 1 | 1 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 |
| GF 1500 | 1 | 1 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| GF 1200 | 1 | 1 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| GF 1000 | 1 | 1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| GF 900 | 1 | 1 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GF 800 | 1 | 1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GF 700 | 1 | 1 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| GF 600 | 2 | 2 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| GF 500 | 2 | 2 | 47.9 | 47.9 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| GF 400 | 2 | 2 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| GF 300 | 2 | 2 | 48.1 | 48.1 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| GF 200 | 2 | 2 | 48.1 | 48.1 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| GF 100 | 2 | 2 | 48.1 | 48.1 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| GF 0 | 2 | 2 | 48.1 | 48.1 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |

TOTAL NUMBER OF OBSERVATIONS: 2142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 1958-77
MONTH: MAY HOURS/CLUST: 00-0100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 |
| NO CEIL | | 37.6 | 37.6 | 38.0 | 38.0 | 44.2 | 44.2 | 44.6 | 45.5 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| GE 20000 | | 38.0 | 38.0 | 38.3 | 38.3 | 44.6 | 44.6 | 44.9 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 18000 | | 38.0 | 38.0 | 38.3 | 38.3 | 44.6 | 44.6 | 44.9 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 16000 | | 38.0 | 38.0 | 38.3 | 38.3 | 44.6 | 44.6 | 44.9 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 14000 | | 38.0 | 38.0 | 38.3 | 38.3 | 44.6 | 44.6 | 44.9 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 12000 | | 38.0 | 38.0 | 38.3 | 38.3 | 44.6 | 44.6 | 44.9 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 10000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 9000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 8000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 7000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 6000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 5000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 4500 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 4000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 3500 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 3000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 2500 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 2000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 1800 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 1600 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 1400 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 1200 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 1000 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 900 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 800 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 700 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 600 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 500 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 400 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 300 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 200 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 100 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 0 | .3 | 44.2 | 44.2 | 44.6 | 44.6 | 53.5 | 53.5 | 53.8 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |

TOTAL NUMBER OF OBSERVATIONS: 703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD (SSR)

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (IST): 0100-0500

| CEILING
IN
FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|--------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 |
| NO CEIL | 1 | .3 | 34.4 | 34.4 | 34.4 | 34.4 | 40.3 | 40.3 | 40.7 | 43.0 | 43.3 | 47.7 | 47.6 | 43.6 | 47.6 | 43.6 | 47.6 |
| GE 20000 | 1 | .3 | 34.4 | 34.4 | 34.4 | 34.4 | 40.7 | 40.7 | 41.0 | 43.3 | 43.6 | 47.6 | 47.9 | 43.9 | 47.9 | 47.9 | 47.9 |
| GE 18000 | 1 | .3 | 34.4 | 34.4 | 34.4 | 34.4 | 40.7 | 40.7 | 41.0 | 43.3 | 43.6 | 47.6 | 47.9 | 43.9 | 47.9 | 47.9 | 47.9 |
| GE 16000 | 1 | .3 | 34.4 | 34.4 | 34.4 | 34.4 | 40.7 | 40.7 | 41.0 | 43.3 | 43.6 | 47.6 | 47.9 | 43.9 | 47.9 | 47.9 | 47.9 |
| GE 14000 | 1 | .3 | 34.4 | 34.4 | 34.4 | 34.4 | 40.7 | 40.7 | 41.0 | 43.3 | 43.6 | 47.6 | 47.9 | 43.9 | 47.9 | 47.9 | 47.9 |
| GE 12000 | 1 | .3 | 34.4 | 34.4 | 34.4 | 34.4 | 40.7 | 40.7 | 41.0 | 43.3 | 43.6 | 47.6 | 47.9 | 43.9 | 47.9 | 47.9 | 47.9 |
| GE 10000 | 1 | .3 | 42.0 | 42.0 | 42.0 | 42.0 | 51.1 | 51.1 | 51.5 | 54.4 | 54.8 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 9000 | 1 | .3 | 42.0 | 42.0 | 42.0 | 42.0 | 51.1 | 51.1 | 51.5 | 54.4 | 54.8 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 8000 | 1 | .3 | 42.0 | 42.0 | 42.0 | 42.0 | 51.1 | 51.1 | 51.5 | 54.4 | 54.8 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 7000 | 1 | .3 | 42.0 | 42.0 | 42.0 | 42.0 | 51.1 | 51.1 | 51.5 | 54.4 | 54.8 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 6000 | 1 | .3 | 42.0 | 42.0 | 42.0 | 42.0 | 51.1 | 51.1 | 51.5 | 54.4 | 54.8 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 5000 | 1 | .3 | 42.6 | 42.6 | 42.6 | 42.6 | 51.8 | 51.8 | 52.1 | 55.1 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 4500 | 1 | .3 | 42.6 | 42.6 | 42.6 | 42.6 | 51.8 | 51.8 | 52.1 | 55.1 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 4000 | 1 | .3 | 43.9 | 43.9 | 43.9 | 43.9 | 53.4 | 53.4 | 53.8 | 57.0 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 3500 | 1 | .3 | 44.9 | 44.9 | 44.9 | 44.9 | 54.8 | 54.8 | 55.1 | 58.4 | 58.7 | 59.7 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| GE 3000 | 1 | .3 | 45.9 | 45.9 | 45.9 | 45.9 | 55.7 | 55.7 | 56.1 | 59.7 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 2500 | 1 | .3 | 48.9 | 48.9 | 48.9 | 48.9 | 59.3 | 59.3 | 59.7 | 63.3 | 63.6 | 67.6 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 2000 | 1 | .3 | 51.1 | 51.1 | 51.1 | 51.1 | 62.3 | 62.3 | 62.6 | 66.9 | 67.2 | 67.2 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 1800 | 1 | .3 | 52.1 | 52.1 | 52.1 | 52.1 | 63.6 | 63.6 | 63.9 | 68.2 | 68.5 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 1500 | 1 | .3 | 54.8 | 54.8 | 54.8 | 54.8 | 66.6 | 66.6 | 66.9 | 71.1 | 71.5 | 71.5 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| GE 1200 | 1 | .3 | 58.7 | 58.7 | 58.7 | 58.7 | 74.4 | 74.4 | 75.4 | 81.3 | 82.0 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GE 1000 | 1 | .3 | 60.0 | 60.0 | 60.0 | 60.0 | 78.0 | 78.0 | 79.0 | 85.9 | 86.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 900 | 1 | .3 | 60.0 | 60.0 | 60.0 | 60.0 | 78.0 | 78.0 | 79.0 | 86.2 | 87.5 | 87.5 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 800 | 1 | .3 | 60.3 | 60.3 | 60.3 | 60.3 | 80.0 | 80.0 | 81.0 | 88.2 | 89.5 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 700 | 1 | .3 | 61.0 | 61.0 | 61.0 | 61.0 | 82.0 | 82.0 | 83.0 | 90.2 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 600 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 83.3 | 83.6 | 84.6 | 92.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 500 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 83.9 | 84.3 | 85.2 | 93.4 | 95.7 | 95.7 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 400 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 84.6 | 84.9 | 85.9 | 94.4 | 96.7 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 300 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 84.9 | 85.2 | 86.2 | 95.1 | 97.4 | 97.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 200 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 84.9 | 85.2 | 86.2 | 95.1 | 97.4 | 97.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 100 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 84.9 | 85.2 | 86.2 | 95.1 | 97.4 | 97.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 0 | 1 | .3 | 61.6 | 61.6 | 61.6 | 61.6 | 84.9 | 85.2 | 86.2 | 95.1 | 97.4 | 97.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VARIATIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260632 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 1948-7
MONTHS: MAR HOURS (UTC): 0600-0900

| CEILING
IN
FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|--------|---------|---------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 | GE 1/16 | GE 1/32 |
| NO CEIL | 1 | .3 | 30.5 | 30.5 | 30.5 | 30.5 | 37.0 | 37.0 | 37.0 | 39.7 | 40.3 | 40.7 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| GE 20000 | 1 | .3 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 40.0 | 41.0 | 41.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| GE 18000 | 1 | .3 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 40.0 | 41.0 | 41.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| GE 16000 | 1 | .3 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 40.0 | 41.0 | 41.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| GE 14000 | 1 | .3 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 40.0 | 41.0 | 41.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| GE 12000 | 1 | .3 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 40.0 | 41.0 | 41.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| GE 10000 | 1 | .3 | 38.4 | 38.4 | 38.4 | 38.4 | 47.5 | 47.5 | 47.5 | 50.5 | 51.8 | 51.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 9000 | 1 | .3 | 38.4 | 38.4 | 38.4 | 38.4 | 47.5 | 47.5 | 47.5 | 50.5 | 51.8 | 51.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 8000 | 1 | .3 | 38.4 | 38.4 | 38.4 | 38.4 | 47.5 | 47.5 | 47.5 | 50.5 | 51.8 | 51.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 7000 | 1 | .3 | 38.4 | 38.4 | 38.4 | 38.4 | 47.5 | 47.5 | 47.5 | 50.5 | 51.8 | 51.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 6000 | 1 | .3 | 38.4 | 38.4 | 38.4 | 38.4 | 47.5 | 47.5 | 47.5 | 50.5 | 51.8 | 51.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 5000 | 1 | .3 | 39.0 | 39.0 | 39.0 | 39.0 | 48.2 | 48.2 | 48.2 | 51.5 | 52.8 | 52.8 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| GE 4500 | 1 | .3 | 40.0 | 40.0 | 40.0 | 40.0 | 49.2 | 49.2 | 49.2 | 52.5 | 53.8 | 53.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 4000 | 1 | .3 | 41.0 | 41.0 | 41.0 | 41.0 | 50.2 | 50.2 | 50.2 | 53.8 | 55.1 | 55.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| GE 3500 | 1 | .3 | 41.0 | 41.0 | 41.0 | 41.0 | 50.5 | 50.5 | 50.5 | 54.1 | 55.7 | 55.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 3000 | 1 | .3 | 41.3 | 41.3 | 41.3 | 41.3 | 51.1 | 51.1 | 51.1 | 54.8 | 56.4 | 56.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 2500 | 1 | .3 | 44.6 | 44.6 | 44.6 | 44.6 | 54.4 | 54.4 | 54.8 | 58.4 | 60.0 | 60.0 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 2000 | 1 | .3 | 45.6 | 45.6 | 45.6 | 45.6 | 57.4 | 57.4 | 57.7 | 61.3 | 63.0 | 63.0 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 1800 | 1 | .3 | 46.6 | 46.6 | 46.6 | 46.6 | 58.7 | 58.7 | 59.0 | 63.0 | 64.6 | 64.6 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 1600 | 1 | .3 | 48.9 | 48.9 | 48.9 | 48.9 | 62.3 | 62.3 | 62.6 | 66.6 | 68.2 | 68.2 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 1400 | 1 | .3 | 53.1 | 53.1 | 53.1 | 53.1 | 71.8 | 72.1 | 72.5 | 76.7 | 78.4 | 78.4 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 1000 | 1 | .3 | 54.8 | 54.8 | 54.8 | 54.8 | 74.8 | 75.1 | 76.1 | 81.3 | 83.3 | 83.3 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 900 | 1 | .3 | 55.1 | 55.1 | 55.1 | 55.1 | 75.4 | 75.7 | 76.7 | 82.6 | 84.6 | 84.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 800 | 1 | .3 | 55.7 | 55.7 | 55.7 | 55.7 | 76.4 | 76.7 | 77.7 | 83.9 | 86.2 | 86.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 700 | 1 | .3 | 56.1 | 56.1 | 56.1 | 56.1 | 77.7 | 78.0 | 79.0 | 85.6 | 88.2 | 88.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 600 | 1 | .3 | 56.7 | 56.7 | 56.7 | 56.7 | 79.0 | 79.3 | 80.3 | 86.9 | 89.5 | 89.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 500 | 1 | .3 | 56.7 | 56.7 | 56.7 | 56.7 | 80.7 | 81.0 | 82.0 | 88.5 | 91.5 | 91.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 400 | 1 | .3 | 57.0 | 57.0 | 57.0 | 57.0 | 81.6 | 82.0 | 83.0 | 90.2 | 93.1 | 93.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 300 | 1 | .3 | 57.4 | 57.4 | 57.4 | 57.4 | 82.0 | 82.3 | 83.3 | 90.8 | 93.8 | 93.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 200 | 1 | .3 | 57.4 | 57.4 | 57.4 | 57.4 | 82.0 | 82.3 | 83.3 | 90.8 | 93.8 | 93.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 100 | 1 | .3 | 57.4 | 57.4 | 57.4 | 57.4 | 82.0 | 82.3 | 83.3 | 90.8 | 93.8 | 93.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 0 | 1 | .3 | 57.4 | 57.4 | 57.4 | 57.4 | 82.0 | 82.3 | 83.3 | 90.8 | 93.8 | 93.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0900-1100

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|------|-----------------------------|------|------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|
| IN | FEET | GE | GF | GF | GF | GE | GE | GE | GF | GE | GE | GE | GE | GF | GF | GE | GF |
| | | 1 | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 |
| | | | | | | | | | | | | | | | | | |
| NO CEIL | 1 | .7 | 28.4 | 28.4 | 28.4 | 28.4 | 36.5 | 36.5 | 36.5 | 39.7 | 40.8 | 40.8 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| GF 20000 | 1.1 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 39.4 | 39.4 | 39.4 | 42.6 | 43.6 | 43.6 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GF 18000 | 1.1 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 39.4 | 39.4 | 39.4 | 42.6 | 43.6 | 43.6 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GF 16000 | 1.1 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 39.4 | 39.4 | 39.4 | 42.6 | 43.6 | 43.6 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GF 14000 | 1.1 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 39.4 | 39.4 | 39.4 | 42.6 | 43.6 | 43.6 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GF 12000 | 1.1 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 39.4 | 39.4 | 39.4 | 42.6 | 43.6 | 43.6 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GF 10000 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 48.6 | 48.6 | 48.6 | 51.8 | 53.2 | 53.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GF 9000 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 48.6 | 48.6 | 48.6 | 51.8 | 53.2 | 53.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GF 8000 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 48.6 | 48.6 | 48.6 | 51.8 | 53.2 | 53.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GF 7000 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 48.6 | 48.6 | 48.6 | 51.8 | 53.2 | 53.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GF 6000 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 48.6 | 48.6 | 48.6 | 51.8 | 53.2 | 53.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GF 5000 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 48.9 | 48.9 | 48.9 | 52.1 | 53.5 | 53.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| GF 4500 | 1.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 49.3 | 49.3 | 49.3 | 52.5 | 53.9 | 53.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| GF 4000 | 1.1 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 50.4 | 50.4 | 50.4 | 53.9 | 55.3 | 55.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| GF 3500 | 1.1 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 50.7 | 50.7 | 50.7 | 54.3 | 55.7 | 55.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GF 3000 | 1.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 52.5 | 52.5 | 52.5 | 56.4 | 57.8 | 57.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GF 2500 | 1.1 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 56.0 | 56.0 | 56.0 | 59.9 | 61.3 | 61.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GF 2000 | 1.1 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 58.2 | 58.2 | 58.2 | 62.4 | 63.8 | 63.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GF 1800 | 1.1 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 59.6 | 59.6 | 59.6 | 63.8 | 65.2 | 65.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GF 1600 | 1.1 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 61.7 | 61.7 | 61.7 | 66.3 | 67.7 | 67.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GF 1400 | 1.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 69.9 | 69.9 | 69.9 | 70.2 | 76.6 | 76.6 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GF 1200 | 1.1 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 74.1 | 74.1 | 74.1 | 81.6 | 83.0 | 83.0 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GF 1000 | 1.1 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 75.2 | 75.2 | 75.2 | 83.0 | 84.4 | 84.4 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GF 900 | 1.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 77.3 | 77.3 | 77.3 | 85.1 | 87.2 | 87.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GF 800 | 1.1 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 79.4 | 79.4 | 79.4 | 87.6 | 89.7 | 89.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GF 700 | 1.1 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 81.2 | 81.2 | 81.2 | 89.7 | 91.8 | 91.8 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GF 600 | 1.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 82.6 | 82.6 | 82.6 | 91.1 | 93.3 | 93.3 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GF 500 | 1.1 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 84.4 | 84.4 | 84.4 | 93.1 | 95.4 | 95.4 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GF 400 | 1.1 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 84.4 | 84.4 | 84.4 | 95.1 | 97.5 | 97.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GF 300 | 1.1 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 84.4 | 84.4 | 84.4 | 95.1 | 97.5 | 97.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GF 200 | 1.1 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 84.4 | 84.4 | 84.4 | 95.1 | 97.5 | 97.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GF 100 | 1.1 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 84.4 | 84.4 | 84.4 | 95.1 | 97.5 | 97.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GF 0 | 1.1 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 84.4 | 84.4 | 84.4 | 95.1 | 97.5 | 97.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7A-87
MONTH: MAR HOURS(EST): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | 2 | 1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
1/4 |
| NO CEIL | 1.7 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 38.7 | 38.7 | 39.7 | 41.7 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 20000 | 2.0 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 41.1 | 41.1 | 42.1 | 44.0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 18000 | 2.0 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 41.1 | 41.1 | 42.1 | 44.0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 16000 | 2.0 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 41.1 | 41.1 | 42.1 | 44.0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 14000 | 2.0 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 41.1 | 41.1 | 42.1 | 44.0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 12000 | 2.0 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 41.1 | 41.1 | 42.1 | 44.0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 10000 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 9000 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 8000 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 7000 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 6000 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 5000 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 4500 | 2.0 | 42.1 | 42.1 | 42.1 | 42.1 | 54.3 | 54.3 | 55.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 4000 | 2.0 | 42.4 | 42.4 | 42.4 | 42.4 | 54.6 | 54.6 | 55.6 | 58.3 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 3500 | 2.0 | 43.0 | 43.0 | 43.0 | 43.0 | 55.3 | 55.3 | 56.3 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| GE 3000 | 2.0 | 43.7 | 43.7 | 43.7 | 43.7 | 56.3 | 56.3 | 57.3 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| GE 2500 | 2.0 | 46.0 | 46.0 | 46.0 | 46.0 | 58.9 | 58.9 | 59.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 2000 | 2.0 | 47.7 | 47.7 | 47.7 | 47.7 | 61.3 | 61.3 | 62.6 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 1800 | 2.0 | 50.0 | 50.0 | 50.0 | 50.0 | 64.9 | 64.9 | 66.2 | 69.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 1500 | 2.3 | 54.3 | 54.3 | 54.3 | 54.3 | 70.9 | 70.9 | 72.2 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 1200 | 2.6 | 58.6 | 58.6 | 58.6 | 58.6 | 80.1 | 80.1 | 81.5 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 1000 | 2.6 | 59.9 | 59.9 | 59.9 | 59.9 | 83.8 | 83.8 | 85.1 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 900 | 2.6 | 60.3 | 60.3 | 60.3 | 60.3 | 84.8 | 84.8 | 86.1 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 800 | 2.6 | 60.6 | 60.6 | 60.6 | 60.6 | 85.8 | 85.8 | 87.1 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 700 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 89.1 | 89.1 | 90.4 | 95.0 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 600 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 89.4 | 89.4 | 90.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 500 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 90.4 | 90.4 | 91.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 400 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 90.7 | 90.7 | 92.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 300 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 91.4 | 91.4 | 93.0 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 200 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 91.4 | 91.4 | 93.0 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 91.4 | 91.4 | 93.0 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | 2.6 | 61.3 | 61.3 | 61.3 | 61.3 | 91.4 | 91.4 | 93.0 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(EST): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 1.3 | 35.4 | 35.4 | 35.4 | 35.4 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| GE 20000 | 1.7 | 40.1 | 40.1 | 40.1 | 40.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| GE 18000 | 1.7 | 40.1 | 40.1 | 40.1 | 40.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| GE 16000 | 1.7 | 40.1 | 40.1 | 40.1 | 40.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| GE 14000 | 1.7 | 40.1 | 40.1 | 40.1 | 40.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| GE 12000 | 1.7 | 40.1 | 40.1 | 40.1 | 40.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| GE 10000 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 9000 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 8000 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 7000 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 6000 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 5000 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 4500 | 2.0 | 51.3 | 51.3 | 51.3 | 51.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 4000 | 2.0 | 52.0 | 52.0 | 52.0 | 52.0 | 58.9 | 58.9 | 58.9 | 58.9 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| GE 3500 | 2.0 | 52.3 | 52.3 | 52.3 | 52.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 3000 | 2.0 | 53.3 | 53.3 | 53.3 | 53.3 | 60.6 | 60.6 | 60.6 | 60.6 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 2500 | 2.0 | 59.9 | 59.9 | 59.9 | 59.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 2000 | 2.0 | 65.2 | 65.2 | 65.2 | 65.2 | 73.5 | 73.5 | 73.5 | 73.5 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| GE 1800 | 2.0 | 66.6 | 66.6 | 66.6 | 66.6 | 75.5 | 75.5 | 75.5 | 75.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 1600 | 2.3 | 68.5 | 68.5 | 68.5 | 68.5 | 79.5 | 79.5 | 79.5 | 79.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 1400 | 2.3 | 72.2 | 72.2 | 72.2 | 72.2 | 87.7 | 87.7 | 88.4 | 88.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 1200 | 2.3 | 72.8 | 72.8 | 72.8 | 72.8 | 89.4 | 89.4 | 90.4 | 91.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 1000 | 2.3 | 72.8 | 72.8 | 72.8 | 72.8 | 89.7 | 89.7 | 90.7 | 91.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 900 | 2.3 | 72.8 | 72.8 | 72.8 | 72.8 | 90.7 | 90.7 | 92.1 | 92.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 800 | 2.3 | 73.2 | 73.2 | 73.2 | 73.2 | 92.1 | 92.1 | 93.4 | 94.0 | 95.0 | 95.0 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 600 | 2.3 | 73.2 | 73.2 | 73.2 | 73.2 | 92.4 | 92.4 | 93.7 | 94.4 | 95.4 | 95.4 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 500 | 2.3 | 73.2 | 73.2 | 73.2 | 73.2 | 92.4 | 92.4 | 93.7 | 94.7 | 95.7 | 95.7 | 96.0 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 400 | 2.3 | 73.2 | 73.2 | 73.2 | 73.2 | 93.4 | 93.4 | 94.7 | 95.7 | 96.7 | 96.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 300 | 2.3 | 73.5 | 73.5 | 73.5 | 73.5 | 94.4 | 94.4 | 95.7 | 97.0 | 98.0 | 98.3 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 2.3 | 73.5 | 73.5 | 73.5 | 73.5 | 94.7 | 94.7 | 96.0 | 97.4 | 98.3 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 |
| GE 100 | 2.3 | 73.5 | 73.5 | 73.5 | 73.5 | 94.7 | 94.7 | 96.0 | 97.4 | 98.3 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 |
| GE 0 | 2.3 | 73.5 | 73.5 | 73.5 | 73.5 | 94.7 | 94.7 | 96.0 | 97.4 | 98.3 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 102

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS/DAY: 1800-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 | 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 |
| NO CEIL | 1 | 2.0 | 37.9 | 37.9 | 37.9 | 37.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 20000 | 2.7 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| GE 18000 | 2.7 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| GE 16000 | 2.7 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| GE 14000 | 2.7 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| GE 12000 | 2.7 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| GE 10000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 9000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 8000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 7000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 6000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 5000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 4000 | 3.0 | 52.3 | 52.3 | 52.3 | 52.3 | 56.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 4000 | 3.0 | 53.4 | 53.4 | 53.4 | 53.4 | 57.4 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 3500 | 3.0 | 53.4 | 53.4 | 53.4 | 53.4 | 57.4 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 3000 | 3.0 | 54.7 | 54.7 | 54.7 | 54.7 | 58.7 | 58.7 | 58.7 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| GE 2500 | 3.0 | 61.7 | 61.7 | 61.7 | 61.7 | 66.4 | 66.4 | 66.4 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 2000 | 3.0 | 64.1 | 64.1 | 64.1 | 64.1 | 69.8 | 69.8 | 69.8 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 1800 | 3.0 | 65.8 | 65.8 | 65.8 | 65.8 | 72.8 | 72.8 | 72.8 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 1500 | 3.0 | 67.8 | 67.8 | 67.8 | 67.8 | 75.5 | 75.5 | 75.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 1200 | 3.0 | 73.2 | 73.2 | 73.2 | 73.2 | 85.2 | 85.2 | 85.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 1000 | 3.0 | 73.5 | 73.5 | 73.5 | 73.5 | 87.2 | 87.2 | 87.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 900 | 3.0 | 73.5 | 73.5 | 73.5 | 73.5 | 87.6 | 87.6 | 87.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 800 | 3.0 | 73.5 | 73.5 | 73.5 | 73.5 | 88.3 | 88.3 | 88.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 700 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 600 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 500 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 92.3 | 92.3 | 92.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 400 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 93.3 | 93.3 | 93.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 300 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 93.6 | 93.6 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 200 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 93.6 | 93.6 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 100 | 3.0 | 74.5 | 74.5 | 74.5 | 74.5 | 93.6 | 93.6 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE | nl | 3.0 | 74.5 | 74.5 | 74.5 | 93.6 | 93.6 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(UT): 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | .3 | 40.1 | 40.1 | 40.4 | 40.4 | 44.0 | 44.0 | 44.0 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| GE 20000 | .7 | 41.4 | 41.4 | 41.7 | 41.7 | 45.7 | 45.7 | 45.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 18000 | .7 | 41.4 | 41.4 | 41.7 | 41.7 | 45.7 | 45.7 | 45.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 16000 | .7 | 41.4 | 41.4 | 41.7 | 41.7 | 45.7 | 45.7 | 45.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 14000 | .7 | 41.4 | 41.4 | 41.7 | 41.7 | 45.7 | 45.7 | 45.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 12000 | .7 | 41.4 | 41.4 | 41.7 | 41.7 | 45.7 | 45.7 | 45.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 10000 | .7 | 50.3 | 50.3 | 50.7 | 50.7 | 56.3 | 56.3 | 56.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 9000 | .7 | 50.3 | 50.3 | 50.7 | 50.7 | 56.3 | 56.3 | 56.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 8000 | .7 | 50.3 | 50.3 | 50.7 | 50.7 | 56.3 | 56.3 | 56.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 7000 | .7 | 50.3 | 50.3 | 50.7 | 50.7 | 56.3 | 56.3 | 56.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 6000 | .7 | 50.3 | 50.3 | 50.7 | 50.7 | 56.3 | 56.3 | 56.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 5000 | .7 | 51.0 | 51.0 | 51.3 | 51.3 | 57.0 | 57.0 | 57.0 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 4500 | .7 | 51.0 | 51.0 | 51.3 | 51.3 | 57.0 | 57.0 | 57.0 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 4000 | .7 | 52.0 | 52.0 | 52.3 | 52.3 | 58.3 | 58.3 | 58.3 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 3500 | .7 | 53.0 | 53.0 | 53.3 | 53.3 | 59.6 | 59.6 | 59.6 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 3000 | .7 | 55.0 | 55.0 | 55.3 | 55.3 | 61.9 | 61.9 | 61.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 2500 | .7 | 58.6 | 58.6 | 58.9 | 58.9 | 66.2 | 66.2 | 66.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 2000 | .7 | 62.6 | 62.6 | 62.9 | 62.9 | 70.9 | 70.9 | 70.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 1800 | .7 | 64.2 | 64.2 | 64.6 | 64.6 | 72.5 | 72.5 | 72.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 1500 | .7 | 66.6 | 66.6 | 66.9 | 66.9 | 76.8 | 76.8 | 76.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 1200 | .7 | 71.5 | 71.5 | 72.2 | 72.2 | 86.1 | 86.1 | 86.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 1000 | .7 | 72.5 | 72.5 | 72.8 | 72.8 | 88.1 | 88.1 | 88.1 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 900 | .7 | 72.8 | 72.8 | 73.2 | 73.2 | 89.7 | 89.7 | 89.7 | 90.4 | 92.1 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 93.0 |
| GE 800 | .7 | 72.8 | 72.8 | 73.2 | 73.2 | 90.4 | 90.4 | 91.1 | 93.7 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.7 |
| GE 700 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 91.7 | 91.7 | 92.4 | 95.0 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.4 |
| GE 600 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 92.4 | 92.4 | 93.0 | 95.7 | 96.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.4 |
| GE 500 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 92.4 | 92.4 | 93.0 | 95.7 | 96.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.7 |
| GE 400 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 93.0 | 93.0 | 93.7 | 96.4 | 97.0 | 98.0 | 98.3 | 98.7 | 98.7 | 98.7 | 99.3 |
| GE 300 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 93.0 | 93.0 | 93.7 | 96.4 | 97.4 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 100.0 |
| GE 200 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 93.0 | 93.0 | 93.7 | 96.4 | 97.4 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 100.0 |
| GE 100 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 93.0 | 93.0 | 93.7 | 96.4 | 97.4 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 100.0 |
| GE 0 | .7 | 73.5 | 73.5 | 73.8 | 73.8 | 93.0 | 93.0 | 93.7 | 96.4 | 97.4 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 76-87
MONTH: MAR HOURS(UTC): ALL

| CEILING
IN
FEET | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | VISIBILITY IN STATUTE MILES | | | | | | | | | |
|-----------------------|---------|----------|---------|---------|---------|---------|---------|-------------|-----------------------------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | | | | | | | | | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 1 | 4.8 | 34.6 | 34.6 | 34.7 | 34.7 | 39.8 | 39.8 | 40.0 | 41.4 | 41.8 | 41.9 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.1 |
| GE 20000 | 1.1 | 36.3 | 36.3 | 36.3 | 36.3 | 41.9 | 41.9 | 42.1 | 43.6 | 43.9 | 43.9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| GE 18000 | 1.1 | 36.3 | 36.3 | 36.3 | 36.3 | 41.9 | 41.9 | 42.1 | 43.6 | 43.9 | 43.9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| GE 16000 | 1.1 | 36.3 | 36.3 | 36.3 | 36.3 | 41.9 | 41.9 | 42.1 | 43.6 | 43.9 | 43.9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| GE 14000 | 1.1 | 36.3 | 36.3 | 36.3 | 36.3 | 41.9 | 41.9 | 42.1 | 43.6 | 43.9 | 43.9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| GE 12000 | 1.1 | 36.3 | 36.3 | 36.3 | 36.3 | 41.9 | 41.9 | 42.1 | 43.6 | 43.9 | 43.9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| GE 10000 | 1.2 | 44.8 | 44.8 | 44.9 | 44.9 | 53.3 | 53.3 | 53.5 | 55.2 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 9000 | 1.2 | 44.8 | 44.8 | 44.9 | 44.9 | 53.3 | 53.3 | 53.5 | 55.2 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 8000 | 1.2 | 44.8 | 44.8 | 44.9 | 44.9 | 53.3 | 53.3 | 53.5 | 55.2 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 7000 | 1.2 | 44.8 | 44.8 | 44.9 | 44.9 | 53.3 | 53.3 | 53.5 | 55.2 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 6000 | 1.2 | 44.8 | 44.8 | 44.9 | 44.9 | 53.3 | 53.3 | 53.5 | 55.2 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 5000 | 1.2 | 45.0 | 45.0 | 45.1 | 45.1 | 53.6 | 53.6 | 53.8 | 55.4 | 56.2 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| GE 4500 | 1.2 | 45.1 | 45.1 | 45.2 | 45.2 | 53.7 | 53.7 | 53.9 | 55.4 | 56.4 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 4000 | 1.2 | 46.1 | 46.1 | 46.2 | 46.2 | 54.8 | 54.8 | 55.1 | 57.1 | 57.6 | 57.6 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GE 3500 | 1.2 | 46.6 | 46.6 | 46.6 | 46.6 | 55.4 | 55.4 | 55.7 | 57.7 | 58.3 | 58.3 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 3000 | 1.2 | 47.8 | 47.8 | 47.9 | 47.9 | 56.9 | 57.0 | 57.2 | 59.4 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 2500 | 1.2 | 51.9 | 51.9 | 52.0 | 52.0 | 61.5 | 61.5 | 61.9 | 64.1 | 64.7 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| GE 2000 | 1.2 | 54.5 | 54.5 | 54.6 | 54.6 | 64.9 | 65.0 | 65.4 | 67.7 | 68.3 | 68.3 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 1800 | 1.2 | 55.7 | 55.7 | 55.9 | 55.9 | 66.9 | 66.9 | 67.3 | 69.7 | 70.4 | 70.4 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 1600 | 1.3 | 58.4 | 58.4 | 58.5 | 58.5 | 70.5 | 70.5 | 70.9 | 73.4 | 74.0 | 74.0 | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 1400 | 1.3 | 62.8 | 62.8 | 62.9 | 62.9 | 79.3 | 79.3 | 79.4 | 83.1 | 83.3 | 84.0 | 84.1 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 1200 | 1.3 | 63.8 | 63.8 | 63.9 | 63.9 | 82.1 | 82.2 | 83.1 | 86.8 | 87.6 | 87.6 | 87.8 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 1000 | 1.3 | 64.0 | 64.0 | 64.1 | 64.1 | 82.9 | 83.0 | 83.9 | 87.9 | 88.8 | 88.8 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 900 | 1.3 | 64.2 | 64.2 | 64.3 | 64.3 | 84.2 | 84.3 | 85.3 | 89.5 | 90.5 | 90.5 | 90.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 800 | 1.3 | 64.7 | 64.7 | 64.8 | 64.8 | 86.3 | 86.4 | 87.4 | 91.7 | 92.8 | 92.8 | 93.3 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 700 | 1.3 | 65.0 | 65.0 | 65.1 | 65.1 | 87.1 | 87.2 | 88.2 | 92.8 | 93.9 | 93.9 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 600 | 1.3 | 65.1 | 65.1 | 65.2 | 65.2 | 88.0 | 88.1 | 89.1 | 93.8 | 95.1 | 95.1 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 500 | 1.3 | 65.2 | 65.2 | 65.2 | 65.2 | 88.8 | 88.9 | 90.0 | 95.0 | 96.3 | 96.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 400 | 1.3 | 65.3 | 65.3 | 65.4 | 65.4 | 89.2 | 89.3 | 90.4 | 95.7 | 97.1 | 97.1 | 97.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 300 | 1.3 | 65.3 | 65.3 | 65.4 | 65.4 | 89.2 | 89.4 | 90.4 | 95.7 | 97.2 | 97.2 | 97.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 200 | 1.3 | 65.3 | 65.3 | 65.4 | 65.4 | 89.2 | 89.4 | 90.4 | 95.7 | 97.2 | 97.2 | 97.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 100 | 1.3 | 65.3 | 65.3 | 65.4 | 65.4 | 89.2 | 89.4 | 90.4 | 95.7 | 97.2 | 97.2 | 97.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 0 | 1.3 | 65.3 | 65.3 | 65.4 | 65.4 | 89.2 | 89.4 | 90.4 | 95.7 | 97.2 | 97.2 | 97.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS: 2399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0000-0200

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|----------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|--------|--|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 | |
| NO CEIL | 1 | .3 | 41.2 | 41.2 | 41.2 | 41.2 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 47.4 | 47.4 | 47.4 | |
| GE 20000 | 1 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | |
| GE 18000 | 1 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | |
| GE 16000 | 1 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | |
| GE 14000 | 1 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | |
| GE 12000 | 1 | .3 | 43.6 | 43.6 | 43.6 | 43.6 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | |
| GE 10000 | 1 | .3 | 54.6 | 54.6 | 54.6 | 54.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 65.3 | 65.3 | 65.3 | |
| GE 9000 | 1 | .3 | 54.6 | 54.6 | 54.6 | 54.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 65.3 | 65.3 | 65.3 | |
| GE 8000 | 1 | .3 | 54.6 | 54.6 | 54.6 | 54.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 65.3 | 65.3 | 65.3 | |
| GE 7000 | 1 | .3 | 54.6 | 54.6 | 54.6 | 54.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 65.3 | 65.3 | 65.3 | |
| GE 6000 | 1 | .3 | 55.0 | 55.0 | 55.0 | 55.0 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.6 | 65.6 | 65.6 | |
| GE 5000 | 1 | .3 | 55.7 | 55.7 | 55.7 | 55.7 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 67.0 | 67.0 | 67.0 | |
| GE 4500 | 1 | .3 | 56.7 | 56.7 | 56.7 | 56.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 68.0 | 68.0 | 68.0 | |
| GE 4000 | 1 | .3 | 57.4 | 57.4 | 57.4 | 57.4 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.7 | 68.7 | 68.7 | |
| GE 3500 | 1 | .3 | 58.1 | 58.1 | 58.1 | 58.1 | 68.7 | 68.7 | 68.7 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.8 | 69.8 | 69.8 | |
| GE 3000 | 1 | .3 | 60.1 | 60.1 | 60.1 | 60.1 | 71.5 | 71.5 | 71.5 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 72.5 | 72.5 | 72.5 | |
| GE 2500 | 1 | .3 | 65.6 | 65.6 | 65.6 | 65.6 | 78.0 | 78.0 | 78.0 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 79.0 | 79.0 | 79.0 | |
| GE 2000 | 1 | .3 | 66.0 | 66.0 | 66.0 | 66.0 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | |
| GE 1800 | 1 | .3 | 67.0 | 67.0 | 67.0 | 67.0 | 79.7 | 79.7 | 79.7 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 81.1 | 81.1 | 81.1 | |
| GE 1600 | 1 | .3 | 68.4 | 68.4 | 68.4 | 68.4 | 82.1 | 82.1 | 82.1 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 83.5 | 83.5 | 83.5 | |
| GE 1400 | 1 | .3 | 72.2 | 72.2 | 72.2 | 72.2 | 88.0 | 88.0 | 88.0 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 90.0 | 90.0 | 90.0 | |
| GE 1200 | 1 | .3 | 73.9 | 73.9 | 73.9 | 73.9 | 90.0 | 90.0 | 90.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 92.4 | 92.4 | 92.4 | |
| GE 1000 | 1 | .3 | 74.2 | 74.2 | 74.2 | 74.2 | 90.7 | 90.7 | 90.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 93.1 | 93.1 | 93.1 | |
| GE 900 | 1 | .3 | 74.6 | 74.6 | 74.6 | 74.6 | 91.1 | 91.1 | 91.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 94.5 | 94.5 | 94.5 | |
| GE 800 | 1 | .3 | 74.9 | 74.9 | 74.9 | 74.9 | 92.8 | 92.8 | 92.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 97.3 | 97.3 | 97.3 | |
| GE 700 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.1 | 93.1 | 93.1 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 98.3 | 98.3 | 98.3 | |
| GE 600 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 500 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 400 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 300 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 200 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 100 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |
| GE 0 | 1 | .3 | 75.3 | 75.3 | 75.3 | 75.3 | 93.8 | 93.8 | 93.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 99.0 | |

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 280630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS/DATE: 0300-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | .3 | 40.6 | 40.6 | 40.6 | 40.6 | 46.8 | 46.8 | 46.8 | 47.8 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| GE 20000 | .3 | 41.6 | 41.6 | 41.6 | 41.6 | 48.1 | 48.1 | 48.1 | 49.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 18000 | .3 | 41.6 | 41.6 | 41.6 | 41.6 | 48.1 | 48.1 | 48.1 | 49.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 16000 | .3 | 41.6 | 41.6 | 41.6 | 41.6 | 48.1 | 48.1 | 48.1 | 49.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 14000 | .3 | 41.6 | 41.6 | 41.6 | 41.6 | 48.1 | 48.1 | 48.1 | 49.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 12000 | .3 | 41.6 | 41.6 | 41.6 | 41.6 | 48.1 | 48.1 | 48.1 | 49.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 10000 | .3 | 52.9 | 52.9 | 53.2 | 53.2 | 62.8 | 62.8 | 62.8 | 64.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 9000 | .3 | 52.9 | 52.9 | 53.2 | 53.2 | 62.8 | 62.8 | 62.8 | 64.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 8000 | .3 | 52.9 | 52.9 | 53.2 | 53.2 | 62.8 | 62.8 | 62.8 | 64.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 7000 | .3 | 52.9 | 52.9 | 53.2 | 53.2 | 62.8 | 62.8 | 62.8 | 64.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 6000 | .3 | 52.9 | 52.9 | 53.2 | 53.2 | 62.8 | 62.8 | 62.8 | 64.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 5000 | .3 | 53.6 | 53.6 | 53.9 | 53.9 | 64.5 | 64.5 | 64.5 | 65.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 4500 | .3 | 53.9 | 53.9 | 54.3 | 54.3 | 64.8 | 64.8 | 64.8 | 66.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 4000 | .3 | 55.3 | 55.3 | 55.6 | 55.6 | 66.6 | 66.6 | 66.6 | 67.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 3500 | .3 | 55.6 | 55.6 | 56.0 | 56.0 | 66.9 | 66.9 | 66.9 | 68.3 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 3000 | .3 | 57.0 | 57.0 | 57.3 | 57.3 | 68.6 | 68.6 | 68.6 | 70.0 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 2500 | .3 | 62.1 | 62.1 | 62.5 | 62.5 | 74.4 | 74.4 | 74.4 | 75.8 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 2000 | .3 | 62.5 | 62.5 | 62.8 | 62.8 | 76.1 | 76.1 | 76.1 | 77.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 1800 | .3 | 63.5 | 63.5 | 63.8 | 63.8 | 77.5 | 77.5 | 77.5 | 78.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 1500 | .3 | 63.5 | 63.5 | 63.8 | 63.8 | 78.2 | 78.2 | 78.2 | 79.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE 1200 | .3 | 67.0 | 67.0 | 67.9 | 67.9 | 85.0 | 85.0 | 85.0 | 86.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 1000 | .3 | 67.9 | 67.9 | 68.3 | 68.3 | 86.0 | 86.0 | 86.0 | 87.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 900 | .3 | 68.3 | 68.3 | 68.6 | 68.6 | 86.7 | 86.7 | 86.7 | 88.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 800 | .3 | 68.6 | 68.6 | 68.9 | 68.9 | 87.0 | 87.0 | 87.0 | 88.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 700 | .3 | 68.6 | 68.6 | 68.9 | 68.9 | 87.4 | 87.4 | 87.4 | 88.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 600 | .3 | 68.6 | 68.6 | 68.9 | 68.9 | 87.4 | 87.4 | 87.4 | 88.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 500 | .3 | 69.6 | 69.6 | 70.0 | 70.0 | 90.1 | 90.1 | 90.1 | 91.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 400 | .3 | 69.6 | 69.6 | 70.0 | 70.0 | 90.4 | 90.4 | 90.4 | 91.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 300 | .3 | 69.6 | 69.6 | 70.0 | 70.0 | 90.8 | 90.8 | 90.8 | 92.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 200 | .3 | 69.6 | 69.6 | 70.0 | 70.0 | 90.8 | 90.8 | 90.8 | 92.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 100 | .3 | 69.6 | 69.6 | 70.0 | 70.0 | 90.8 | 90.8 | 90.8 | 92.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 0 | .3 | 69.6 | 69.6 | 70.0 | 70.0 | 90.8 | 90.8 | 90.8 | 92.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LEST): 0600-0800

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|------|--------|--------|--------|---------|--------|--------|---------|---------|---------|
| | 1 | GE 10 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 | GE 1/16 | GE 1/32 | GE 1/64 |
| NO CEIL | 1 | .7 | 34.4 | 34.4 | 34.4 | 34.4 | 42.1 | 42.1 | 42.1 | 42.8 | 42.8 | 43.2 | 43.2 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| GE 20000 | 1 | .7 | 35.8 | 35.8 | 35.8 | 35.8 | 43.9 | 43.9 | 43.9 | 44.6 | 44.6 | 44.9 | 44.9 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| GE 18000 | 1 | .7 | 35.8 | 35.8 | 35.8 | 35.8 | 43.9 | 43.9 | 43.9 | 44.6 | 44.6 | 44.9 | 44.9 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| GE 16000 | 1 | .7 | 35.8 | 35.8 | 35.8 | 35.8 | 43.9 | 43.9 | 43.9 | 44.6 | 44.6 | 44.9 | 44.9 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| GE 14000 | 1 | .7 | 35.8 | 35.8 | 35.8 | 35.8 | 43.9 | 43.9 | 43.9 | 44.6 | 44.6 | 44.9 | 44.9 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| GE 12000 | 1 | .7 | 35.8 | 35.8 | 35.8 | 35.8 | 43.9 | 43.9 | 43.9 | 44.6 | 44.6 | 44.9 | 44.9 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| GE 10000 | 1 | .7 | 44.9 | 44.9 | 44.9 | 44.9 | 57.5 | 57.5 | 57.5 | 58.9 | 58.9 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 9000 | 1 | .7 | 44.9 | 44.9 | 44.9 | 44.9 | 57.5 | 57.5 | 57.5 | 58.9 | 58.9 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 8000 | 1 | .7 | 44.9 | 44.9 | 44.9 | 44.9 | 57.5 | 57.5 | 57.5 | 58.9 | 58.9 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 7000 | 1 | .7 | 44.9 | 44.9 | 44.9 | 44.9 | 57.5 | 57.5 | 57.5 | 58.9 | 58.9 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 6000 | 1 | .7 | 44.9 | 44.9 | 44.9 | 44.9 | 57.5 | 57.5 | 57.5 | 58.9 | 58.9 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 5000 | 1.1 | 46.0 | 46.0 | 46.0 | 46.0 | 58.6 | 58.6 | 58.6 | 60.0 | 60.4 | 61.1 | 61.1 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 4500 | 1.1 | 46.3 | 46.3 | 46.3 | 46.3 | 58.9 | 58.9 | 58.9 | 60.4 | 60.7 | 61.4 | 61.4 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| GE 4000 | 1.1 | 47.4 | 47.4 | 47.4 | 47.4 | 60.0 | 60.0 | 60.0 | 61.4 | 61.8 | 62.5 | 62.5 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 3500 | 1.1 | 47.7 | 47.7 | 47.7 | 47.7 | 60.4 | 60.4 | 60.4 | 61.8 | 62.1 | 62.8 | 62.8 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 3000 | 1.1 | 49.5 | 49.5 | 49.5 | 49.5 | 62.1 | 62.1 | 62.1 | 63.5 | 63.9 | 64.2 | 64.2 | 64.9 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| GE 2500 | 1.1 | 55.4 | 55.4 | 55.4 | 55.4 | 68.4 | 68.4 | 68.4 | 70.5 | 70.9 | 71.9 | 71.9 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 2000 | 1.1 | 57.5 | 57.5 | 57.5 | 57.5 | 71.6 | 71.6 | 71.6 | 73.7 | 74.0 | 75.1 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 1800 | 1.1 | 58.6 | 58.6 | 58.6 | 58.6 | 72.6 | 72.6 | 72.6 | 75.1 | 75.4 | 76.5 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 1500 | 1.1 | 60.7 | 60.7 | 60.7 | 60.7 | 75.1 | 75.1 | 75.1 | 77.5 | 77.9 | 78.9 | 78.9 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 1200 | 1.1 | 66.0 | 66.0 | 66.0 | 66.0 | 82.1 | 82.1 | 82.1 | 84.2 | 85.3 | 86.3 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 1000 | 1.1 | 66.3 | 66.3 | 66.3 | 66.3 | 84.6 | 84.6 | 84.6 | 87.7 | 88.1 | 89.1 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 900 | 1.1 | 66.3 | 66.3 | 66.3 | 66.3 | 84.6 | 84.6 | 84.6 | 88.1 | 88.4 | 89.5 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 800 | 1.1 | 67.0 | 67.0 | 67.0 | 67.0 | 86.0 | 86.0 | 86.0 | 89.1 | 89.5 | 90.7 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 700 | 1.1 | 67.0 | 67.0 | 67.0 | 67.0 | 86.0 | 86.0 | 86.0 | 89.1 | 89.5 | 90.7 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 600 | 1.1 | 67.0 | 67.0 | 67.0 | 67.0 | 86.0 | 86.0 | 86.0 | 89.1 | 89.5 | 90.7 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 500 | 1.1 | 67.0 | 67.0 | 67.0 | 67.0 | 86.0 | 86.0 | 86.0 | 89.1 | 89.5 | 90.7 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 400 | 1.1 | 67.4 | 67.4 | 67.4 | 67.4 | 87.7 | 87.7 | 87.7 | 90.5 | 91.0 | 92.3 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 300 | 1.1 | 67.4 | 67.4 | 67.4 | 67.4 | 88.1 | 88.1 | 88.1 | 90.5 | 91.0 | 92.3 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 200 | 1.1 | 67.4 | 67.4 | 67.4 | 67.4 | 88.1 | 88.1 | 88.1 | 90.5 | 91.0 | 92.3 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 100 | 1.1 | 67.4 | 67.4 | 67.4 | 67.4 | 88.1 | 88.1 | 88.1 | 90.5 | 91.0 | 92.3 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 0 | 1.1 | 67.4 | 67.4 | 67.4 | 67.4 | 88.1 | 88.1 | 88.1 | 90.5 | 91.0 | 92.3 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(UTC): 0900-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|--------|--------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 | 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 |
| NO CEIL | 1.0 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 41.3 | 41.3 | 41.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| GE 20000 | 1.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 42.7 | 42.7 | 42.7 | 43.4 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 18000 | 1.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 42.7 | 42.7 | 42.7 | 43.4 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 16000 | 1.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 42.7 | 42.7 | 42.7 | 43.4 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 14000 | 1.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 42.7 | 42.7 | 42.7 | 43.4 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 12000 | 1.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 42.7 | 42.7 | 42.7 | 43.4 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 10000 | 1.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 55.9 | 55.9 | 56.3 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GE 9000 | 1.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 55.9 | 55.9 | 56.3 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GE 8000 | 1.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 55.9 | 55.9 | 56.3 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GE 7000 | 1.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 55.9 | 55.9 | 56.3 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GE 6000 | 1.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 55.9 | 55.9 | 56.3 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GE 5000 | 1.7 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 56.3 | 56.3 | 56.6 | 57.7 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| GE 4500 | 1.7 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 56.6 | 56.6 | 57.0 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 4000 | 1.7 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 59.4 | 59.4 | 59.8 | 60.8 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 3500 | 2.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 60.1 | 60.1 | 60.5 | 61.5 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 3000 | 2.1 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 60.5 | 60.5 | 60.8 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 2500 | 2.1 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 70.3 | 70.3 | 70.6 | 71.7 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 2000 | 2.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 71.7 | 71.7 | 72.0 | 73.1 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 1800 | 2.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 74.1 | 74.1 | 74.5 | 75.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 1600 | 2.1 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 76.9 | 76.9 | 77.3 | 78.3 | 79.4 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 1400 | 2.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 82.2 | 82.2 | 82.9 | 84.3 | 85.3 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 1200 | 2.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 83.2 | 83.2 | 83.9 | 85.3 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 1000 | 2.1 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 84.6 | 84.6 | 85.3 | 86.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 900 | 2.1 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 86.7 | 86.7 | 87.4 | 88.5 | 89.5 | 89.5 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 800 | 2.1 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 87.8 | 87.8 | 88.5 | 89.9 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 700 | 2.1 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 89.9 | 89.9 | 90.6 | 93.0 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 600 | 2.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 90.6 | 90.6 | 91.3 | 94.1 | 95.1 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 500 | 2.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 91.3 | 91.3 | 92.0 | 94.8 | 95.8 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 400 | 2.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 91.3 | 91.3 | 92.0 | 94.8 | 96.2 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 300 | 2.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 91.3 | 91.3 | 92.0 | 94.8 | 96.2 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 200 | 2.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 91.3 | 91.3 | 92.0 | 94.8 | 96.2 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 100 | 2.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 91.3 | 91.3 | 92.0 | 94.8 | 96.2 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 0 | 2.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 91.3 | 91.3 | 92.0 | 94.8 | 96.2 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VARIOUS VISIBILITY
FROM HOODLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(UT): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CELL | 2.0 | 75.7 | 36.0 | 36.0 | 36.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 |
| GE 20000 | 2.0 | 40.1 | 40.4 | 40.4 | 40.4 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 18000 | 2.0 | 40.1 | 40.4 | 40.4 | 40.4 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 16000 | 2.0 | 40.1 | 40.4 | 40.4 | 40.4 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 14000 | 2.0 | 40.1 | 40.4 | 40.4 | 40.4 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 12000 | 2.0 | 40.1 | 40.4 | 40.4 | 40.4 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 10000 | 2.7 | 51.2 | 51.5 | 51.5 | 51.5 | 56.9 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 9000 | 2.7 | 51.2 | 51.5 | 51.5 | 51.5 | 56.9 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 8000 | 2.7 | 51.2 | 51.5 | 51.5 | 51.5 | 56.9 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 7000 | 2.7 | 51.2 | 51.5 | 51.5 | 51.5 | 56.9 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 6000 | 2.7 | 51.2 | 51.5 | 51.5 | 51.5 | 56.9 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 5000 | 2.7 | 52.2 | 52.5 | 52.5 | 52.5 | 57.9 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 4500 | 2.7 | 52.2 | 52.5 | 52.5 | 52.5 | 57.9 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 4000 | 2.7 | 55.6 | 55.9 | 55.9 | 55.9 | 61.3 | 61.3 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 3500 | 2.7 | 55.9 | 56.2 | 56.2 | 56.2 | 61.6 | 61.6 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| GE 3000 | 2.0 | 57.6 | 57.9 | 57.9 | 57.9 | 63.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 2500 | 3.4 | 66.0 | 66.3 | 66.3 | 66.3 | 72.7 | 72.7 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 2000 | 3.4 | 69.0 | 69.4 | 69.4 | 69.4 | 76.1 | 76.1 | 76.4 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 1800 | 3.4 | 70.4 | 70.7 | 70.7 | 70.7 | 77.8 | 77.8 | 78.1 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 1500 | 3.4 | 72.1 | 72.4 | 72.4 | 72.4 | 80.8 | 80.8 | 81.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 1200 | 3.4 | 78.5 | 78.8 | 78.8 | 78.8 | 89.6 | 89.6 | 89.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 1000 | 3.4 | 78.8 | 79.1 | 79.1 | 79.1 | 89.9 | 89.9 | 90.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 900 | 3.4 | 78.8 | 79.1 | 79.1 | 79.1 | 89.9 | 89.9 | 90.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 800 | 3.4 | 78.8 | 79.1 | 79.1 | 79.1 | 91.6 | 91.6 | 92.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 700 | 3.4 | 79.1 | 79.5 | 79.5 | 79.5 | 92.9 | 92.9 | 93.6 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 600 | 3.4 | 79.1 | 79.5 | 79.5 | 79.5 | 93.9 | 93.9 | 94.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 500 | 3.4 | 79.1 | 79.5 | 79.5 | 79.5 | 94.3 | 94.3 | 94.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 400 | 3.4 | 79.5 | 79.8 | 79.8 | 79.8 | 95.3 | 95.3 | 96.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 3.4 | 79.5 | 79.8 | 79.8 | 79.8 | 95.3 | 95.3 | 96.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 200 | 3.4 | 79.5 | 79.8 | 79.8 | 79.8 | 95.3 | 95.3 | 96.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | 3.4 | 79.5 | 79.8 | 79.8 | 79.8 | 95.3 | 95.3 | 96.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | 3.4 | 79.5 | 79.8 | 79.8 | 79.8 | 95.3 | 95.3 | 96.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 227

GENERAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(EST): 1907-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| NO CEIL | 3.7 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| GE 20000 | 4.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| GE 18000 | 4.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| GE 16000 | 4.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| GE 14000 | 4.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| GE 12000 | 4.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| GE 10000 | 4.7 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 9000 | 4.7 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 8000 | 4.7 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 7000 | 4.7 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 6000 | 4.7 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 5000 | 4.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| GE 4000 | 4.7 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| GE 3000 | 4.7 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 2000 | 4.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 1000 | 4.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 2000 | 4.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 2000 | 4.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 1800 | 4.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 1600 | 4.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 1400 | 4.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 1200 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 1000 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 900 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 800 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 700 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 600 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 500 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 400 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 300 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 200 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 100 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 0 | 4.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(UTC): 1400-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-----|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | 1 | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 1 | 1/2 | 1 | 1/4 | 1 | 1/2 | 1 | 1/4 | 1 | 1/2 | 1 | 1/4 |
| NO CEIL | 1 | 4.2 | 42.7 | 42.7 | 42.7 | 42.7 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| GE 20000 | 1 | 5.6 | 47.9 | 47.9 | 47.9 | 47.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 18000 | 1 | 5.6 | 47.9 | 47.9 | 47.9 | 47.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 16000 | 1 | 5.6 | 47.9 | 47.9 | 47.9 | 47.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 14000 | 1 | 5.6 | 47.9 | 47.9 | 47.9 | 47.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 12000 | 1 | 5.6 | 47.9 | 47.9 | 47.9 | 47.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 10000 | 1 | 5.9 | 64.0 | 64.0 | 64.0 | 64.0 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 9000 | 1 | 5.9 | 64.0 | 64.0 | 64.0 | 64.0 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 8000 | 1 | 5.9 | 64.0 | 64.0 | 64.0 | 64.0 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 7000 | 1 | 5.9 | 64.0 | 64.0 | 64.0 | 64.0 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 6000 | 1 | 5.9 | 64.0 | 64.0 | 64.0 | 64.0 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 5000 | 1 | 5.9 | 64.3 | 64.3 | 64.3 | 64.3 | 67.1 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 4500 | 1 | 5.9 | 64.7 | 64.7 | 64.7 | 64.7 | 67.5 | 67.5 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 4000 | 1 | 6.3 | 68.9 | 68.9 | 68.9 | 68.9 | 71.7 | 71.7 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 3500 | 1 | 6.3 | 69.6 | 69.6 | 69.6 | 69.6 | 72.4 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 3000 | 1 | 6.3 | 72.0 | 72.0 | 72.0 | 72.0 | 75.2 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 2500 | 1 | 6.3 | 80.1 | 80.1 | 80.1 | 80.1 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 2000 | 1 | 6.3 | 81.5 | 81.5 | 81.5 | 81.5 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 1800 | 1 | 6.3 | 82.2 | 82.2 | 82.2 | 82.2 | 87.1 | 87.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 1500 | 1 | 6.3 | 83.2 | 83.2 | 83.2 | 83.2 | 88.8 | 88.8 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 1200 | 1 | 6.3 | 87.8 | 87.8 | 87.8 | 87.8 | 95.1 | 95.1 | 95.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 1000 | 1 | 6.3 | 87.8 | 87.8 | 87.8 | 87.8 | 96.5 | 96.5 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 900 | 1 | 6.3 | 87.8 | 87.8 | 87.8 | 87.8 | 97.2 | 97.2 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 800 | 1 | 6.3 | 87.8 | 87.8 | 87.8 | 87.8 | 97.2 | 97.2 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 700 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 200 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | 1 | 6.3 | 88.1 | 88.1 | 88.1 | 88.1 | 97.9 | 97.9 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 74-87
MONTH: APR HOURS(UTC): 2101-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
1/4 | GE
1/8 | GE
0 |
| NO CEIL | 1.4 | 46.4 | 46.4 | 46.4 | 46.4 | 49.5 | 49.5 | 49.5 | 49.9 | 49.8 | 49.9 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| GE 20000 | 1.4 | 49.2 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 18000 | 1.4 | 49.2 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 16000 | 1.4 | 49.2 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 14000 | 1.4 | 49.2 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 12000 | 1.4 | 49.2 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 10000 | 1.4 | 59.3 | 59.3 | 59.3 | 59.3 | 66.4 | 66.4 | 66.4 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 9000 | 1.4 | 59.3 | 59.3 | 59.3 | 59.3 | 66.4 | 66.4 | 66.4 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 8000 | 1.4 | 59.3 | 59.3 | 59.3 | 59.3 | 66.4 | 66.4 | 66.4 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 7000 | 1.4 | 59.7 | 59.7 | 59.7 | 59.7 | 66.8 | 66.8 | 66.8 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 6000 | 1.4 | 59.7 | 59.7 | 59.7 | 59.7 | 66.8 | 66.8 | 66.8 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 5000 | 1.4 | 60.3 | 60.3 | 60.3 | 60.3 | 67.8 | 67.8 | 67.8 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 4500 | 1.4 | 61.4 | 61.4 | 61.4 | 61.4 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 4000 | 1.4 | 63.7 | 63.7 | 63.7 | 63.7 | 71.2 | 71.2 | 71.2 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 3500 | 1.4 | 64.7 | 64.7 | 64.7 | 64.7 | 72.2 | 72.2 | 72.2 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 3000 | 1.4 | 66.8 | 66.8 | 66.8 | 66.8 | 74.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 2500 | 1.4 | 72.5 | 72.5 | 72.5 | 72.5 | 81.4 | 81.4 | 81.4 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 2000 | 1.4 | 74.9 | 74.9 | 74.9 | 74.9 | 84.1 | 84.1 | 84.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE 1800 | 1.4 | 75.6 | 75.6 | 75.6 | 75.6 | 85.1 | 85.1 | 85.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 1500 | 1.4 | 76.6 | 76.6 | 76.6 | 76.6 | 86.4 | 86.4 | 86.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 1200 | 1.4 | 82.0 | 82.0 | 82.0 | 82.0 | 94.9 | 94.9 | 94.9 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 1000 | 1.4 | 82.0 | 82.0 | 82.0 | 82.0 | 95.6 | 95.6 | 95.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 900 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 96.3 | 96.3 | 96.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 800 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 96.3 | 96.3 | 96.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 700 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 96.9 | 96.9 | 96.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 600 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 96.9 | 96.9 | 96.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 500 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 96.9 | 96.9 | 96.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 97.3 | 97.3 | 97.3 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 97.3 | 97.3 | 97.3 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 97.3 | 97.3 | 97.3 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 100 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 97.3 | 97.3 | 97.3 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 |
| GE 0 | 1.4 | 82.4 | 82.4 | 82.4 | 82.4 | 97.3 | 97.3 | 97.3 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 1.7 | 39.1 | 39.2 | 39.2 | 39.2 | 39.2 | 43.4 | 43.4 | 43.4 | 43.8 | 43.9 | 47.9 | 43.9 | 44.0 | 44.1 | 44.1 |
| GE 20000 | 1.9 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 46.8 | 46.8 | 46.8 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 |
| GE 18000 | 1.9 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 46.8 | 46.8 | 46.8 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 |
| GE 16000 | 1.9 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 46.8 | 46.8 | 46.8 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 |
| GE 14000 | 1.9 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 46.8 | 46.8 | 46.8 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 |
| GE 12000 | 1.9 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 46.8 | 46.8 | 46.8 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 |
| GE 10000 | 2.2 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 61.0 | 61.0 | 61.2 | 61.8 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 |
| GE 9000 | 2.2 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 61.0 | 61.0 | 61.2 | 61.8 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 |
| GE 8000 | 2.2 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 61.0 | 61.0 | 61.2 | 61.8 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 |
| GE 7000 | 2.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 61.1 | 61.1 | 61.3 | 61.8 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 |
| GE 6000 | 2.2 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 61.1 | 61.1 | 61.3 | 61.9 | 62.2 | 62.2 | 62.2 | 62.3 | 62.4 | 62.4 |
| GE 5000 | 2.3 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 62.1 | 62.1 | 62.2 | 62.8 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 |
| GE 4500 | 2.3 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 62.5 | 62.5 | 62.7 | 63.3 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 |
| GE 4000 | 2.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 64.9 | 64.9 | 65.1 | 65.7 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.4 |
| GE 3500 | 2.4 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 65.6 | 65.6 | 65.8 | 66.4 | 66.8 | 66.8 | 66.8 | 66.9 | 67.0 | 67.1 |
| GE 3000 | 2.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 67.7 | 67.7 | 67.9 | 68.5 | 68.9 | 69.0 | 69.0 | 69.0 | 69.1 | 69.2 |
| GE 2500 | 2.6 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 75.9 | 75.9 | 76.1 | 76.8 | 77.1 | 77.3 | 77.3 | 77.3 | 77.4 | 77.5 |
| GE 2000 | 2.6 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 78.5 | 78.5 | 78.7 | 79.5 | 79.9 | 80.0 | 80.0 | 80.0 | 80.1 | 80.2 |
| GE 1800 | 2.6 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 79.9 | 79.9 | 80.0 | 80.9 | 81.3 | 81.4 | 81.4 | 81.5 | 81.6 | 81.7 |
| GE 1500 | 2.7 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 82.0 | 82.0 | 82.2 | 83.2 | 83.6 | 83.8 | 83.8 | 83.9 | 83.9 | 84.1 |
| GE 1200 | 2.7 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 88.8 | 88.8 | 89.1 | 90.4 | 90.8 | 91.0 | 91.1 | 91.1 | 91.2 | 91.3 |
| GE 1000 | 2.7 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 90.2 | 90.2 | 90.5 | 92.1 | 92.5 | 92.7 | 92.8 | 92.8 | 92.9 | 93.0 |
| GE 900 | 2.7 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 90.8 | 90.8 | 91.1 | 92.8 | 93.2 | 93.3 | 93.5 | 93.5 | 93.6 | 93.7 |
| GE 800 | 2.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 91.5 | 91.5 | 91.9 | 93.8 | 94.2 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 |
| GE 700 | 2.7 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 92.5 | 92.5 | 92.9 | 95.2 | 95.6 | 95.8 | 96.0 | 96.0 | 96.1 | 96.2 |
| GE 600 | 2.7 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 93.0 | 93.1 | 93.5 | 96.0 | 96.5 | 96.7 | 97.0 | 97.0 | 97.1 | 97.3 |
| GE 500 | 2.7 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 93.4 | 93.5 | 93.9 | 96.4 | 97.0 | 97.5 | 97.8 | 97.8 | 97.9 | 98.0 |
| GE 400 | 2.7 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 93.9 | 94.0 | 94.4 | 97.1 | 97.7 | 98.2 | 98.6 | 98.8 | 98.9 | 99.0 |
| GE 300 | 2.7 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 94.0 | 94.1 | 94.5 | 97.3 | 98.0 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 |
| GE 200 | 2.7 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 94.0 | 94.1 | 94.5 | 97.3 | 98.0 | 98.5 | 99.1 | 99.3 | 99.4 | 99.7 |
| GE 100 | 2.7 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 94.0 | 94.1 | 94.5 | 97.3 | 98.0 | 98.5 | 99.1 | 99.3 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7A-R7
MONTH: MAY HOURS(IST): 0000-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 | GE
0 |
| NO CEIL | 1.0 | 46.5 | 46.8 | 46.8 | 46.8 | 49.5 | 49.5 | 49.5 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| GE 20000 | 1.0 | 48.8 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| GE 18000 | 1.0 | 48.8 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| GE 16000 | 1.0 | 48.8 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| GE 14000 | 1.0 | 48.8 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| GE 12000 | 1.0 | 48.8 | 49.2 | 49.2 | 49.2 | 52.5 | 52.5 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| GE 10000 | 1.0 | 61.2 | 61.5 | 61.5 | 61.5 | 66.6 | 66.6 | 66.6 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 9000 | 1.0 | 61.2 | 61.5 | 61.5 | 61.5 | 66.6 | 66.6 | 66.6 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 8000 | 1.0 | 61.2 | 61.5 | 61.5 | 61.5 | 66.6 | 66.6 | 66.6 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 7000 | 1.0 | 61.2 | 61.5 | 61.5 | 61.5 | 66.6 | 66.6 | 66.6 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 6000 | 1.0 | 61.5 | 61.9 | 61.9 | 61.9 | 66.9 | 66.9 | 66.9 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 5000 | 1.0 | 63.9 | 64.2 | 64.2 | 64.2 | 69.9 | 69.9 | 69.9 | 70.6 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 4500 | 1.0 | 64.2 | 64.5 | 64.5 | 64.5 | 70.2 | 70.2 | 70.2 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 4000 | 1.0 | 65.9 | 66.2 | 66.2 | 66.2 | 72.2 | 72.2 | 72.2 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 3500 | 1.0 | 65.9 | 66.2 | 66.2 | 66.2 | 72.6 | 72.6 | 72.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| GE 3000 | 1.0 | 67.2 | 67.6 | 67.6 | 67.6 | 73.9 | 73.9 | 73.9 | 74.6 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 2500 | 1.0 | 79.6 | 79.9 | 79.9 | 79.9 | 86.6 | 86.6 | 86.6 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 2000 | 1.0 | 80.9 | 81.3 | 81.3 | 81.3 | 88.0 | 88.0 | 88.0 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 1800 | 1.3 | 81.9 | 82.3 | 82.3 | 82.3 | 89.3 | 89.3 | 89.3 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 1600 | 1.3 | 81.9 | 82.3 | 82.3 | 82.3 | 89.6 | 89.6 | 89.6 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 1400 | 1.3 | 85.6 | 86.0 | 86.0 | 86.0 | 94.3 | 94.3 | 94.3 | 95.0 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1200 | 1.3 | 86.0 | 86.3 | 86.3 | 86.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 1000 | 1.3 | 86.0 | 86.3 | 86.3 | 86.3 | 95.7 | 95.7 | 95.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 900 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 96.3 | 96.3 | 96.3 | 97.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 800 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 96.7 | 96.7 | 96.7 | 97.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 700 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 1.3 | 86.6 | 87.0 | 87.0 | 87.0 | 97.0 | 97.0 | 97.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS/ST: 0300-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | .7 | 45.3 | 45.3 | 45.3 | 45.3 | 50.7 | 50.7 | 50.7 | 51.7 | 51.7 | 51.7 | 52.0 | 52.3 | 52.3 | 52.3 | 52.3 |
| GE 20000 | .7 | 47.0 | 47.0 | 47.0 | 47.0 | 52.7 | 52.7 | 52.7 | 53.7 | 53.7 | 53.7 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 18000 | .7 | 47.0 | 47.0 | 47.0 | 47.0 | 52.7 | 52.7 | 52.7 | 53.7 | 53.7 | 53.7 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 16000 | .7 | 47.0 | 47.0 | 47.0 | 47.0 | 52.7 | 52.7 | 52.7 | 53.7 | 53.7 | 53.7 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 14000 | .7 | 47.0 | 47.0 | 47.0 | 47.0 | 52.7 | 52.7 | 52.7 | 53.7 | 53.7 | 53.7 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 12000 | .7 | 47.0 | 47.0 | 47.0 | 47.0 | 52.7 | 52.7 | 52.7 | 53.7 | 53.7 | 53.7 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 10000 | .7 | 58.0 | 58.0 | 58.0 | 58.0 | 66.7 | 66.7 | 66.7 | 68.0 | 68.0 | 68.0 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 9000 | .7 | 58.0 | 58.0 | 58.0 | 58.0 | 66.7 | 66.7 | 66.7 | 68.0 | 68.0 | 68.0 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 8000 | .7 | 58.0 | 58.0 | 58.0 | 58.0 | 66.7 | 66.7 | 66.7 | 68.0 | 68.0 | 68.0 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 7000 | .7 | 58.0 | 58.0 | 58.0 | 58.0 | 66.7 | 66.7 | 66.7 | 68.0 | 68.0 | 68.0 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 6000 | .7 | 58.0 | 58.0 | 58.0 | 58.0 | 66.7 | 66.7 | 66.7 | 68.0 | 68.0 | 68.0 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 5000 | .7 | 59.7 | 59.7 | 59.7 | 59.7 | 68.3 | 68.3 | 68.3 | 70.0 | 70.0 | 70.0 | 70.3 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 4500 | .7 | 59.7 | 59.7 | 59.7 | 59.7 | 68.3 | 68.3 | 68.3 | 70.0 | 70.0 | 70.0 | 70.3 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 4000 | .7 | 63.0 | 63.0 | 63.0 | 63.0 | 71.7 | 71.7 | 71.7 | 73.3 | 73.3 | 73.3 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 3500 | .7 | 63.0 | 63.0 | 63.0 | 63.0 | 72.0 | 72.0 | 72.0 | 73.7 | 73.7 | 73.7 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 3000 | .7 | 63.0 | 63.0 | 63.0 | 63.0 | 72.0 | 72.0 | 72.0 | 73.7 | 73.7 | 73.7 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 2500 | .7 | 73.7 | 73.7 | 73.7 | 73.7 | 83.0 | 83.0 | 83.0 | 84.7 | 84.7 | 84.7 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 2000 | .7 | 74.3 | 74.3 | 74.3 | 74.3 | 83.7 | 83.7 | 83.7 | 86.0 | 86.0 | 86.0 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 1800 | .7 | 74.7 | 74.7 | 74.7 | 74.7 | 84.3 | 84.3 | 84.3 | 86.7 | 86.7 | 86.7 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 1500 | .7 | 75.0 | 75.0 | 75.0 | 75.0 | 85.7 | 85.7 | 85.7 | 88.0 | 88.0 | 88.0 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 1200 | .7 | 79.3 | 79.3 | 79.3 | 79.3 | 91.3 | 91.3 | 91.3 | 94.0 | 94.0 | 94.0 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 1000 | .7 | 79.7 | 79.7 | 79.7 | 79.7 | 91.7 | 91.7 | 91.7 | 94.3 | 94.3 | 94.3 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 900 | .7 | 80.0 | 80.0 | 80.0 | 80.0 | 92.0 | 92.0 | 92.0 | 94.7 | 94.7 | 94.7 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 800 | .7 | 80.3 | 80.3 | 80.3 | 80.3 | 93.3 | 93.3 | 93.3 | 96.0 | 96.0 | 96.0 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 700 | .7 | 80.3 | 80.3 | 80.3 | 80.3 | 93.7 | 93.7 | 93.7 | 97.0 | 97.0 | 97.0 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 600 | .7 | 80.3 | 80.3 | 80.3 | 80.3 | 93.7 | 93.7 | 93.7 | 97.0 | 97.0 | 97.0 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 500 | .7 | 80.3 | 80.3 | 80.3 | 80.3 | 94.3 | 94.3 | 94.3 | 97.7 | 97.7 | 97.7 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 400 | .7 | 81.0 | 81.0 | 81.0 | 81.0 | 95.0 | 95.0 | 95.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | .7 | 81.0 | 81.0 | 81.0 | 81.0 | 95.0 | 95.0 | 95.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | .7 | 81.0 | 81.0 | 81.0 | 81.0 | 95.0 | 95.0 | 95.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 100 | .7 | 81.0 | 81.0 | 81.0 | 81.0 | 95.0 | 95.0 | 95.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 |
| GE 0 | .7 | 81.0 | 81.0 | 81.0 | 81.0 | 95.0 | 95.0 | 95.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD LSSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(EST): 0430-0600

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 1.3 | 41.7 | 41.7 | 41.7 | 41.7 | 46.0 | 46.0 | 46.0 | 46.7 | 46.7 | 46.7 | 46.7 | 47.3 | 47.3 | 47.3 |
| GE 20000 | 2.3 | 46.7 | 46.7 | 46.7 | 46.7 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 |
| GE 18000 | 2.3 | 46.7 | 46.7 | 46.7 | 46.7 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 |
| GE 16000 | 2.3 | 46.7 | 46.7 | 46.7 | 46.7 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 |
| GE 14000 | 2.3 | 46.7 | 46.7 | 46.7 | 46.7 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 |
| GE 12000 | 2.3 | 46.7 | 46.7 | 46.7 | 46.7 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 |
| GE 10000 | 2.7 | 59.0 | 59.0 | 59.0 | 59.0 | 66.7 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 |
| GE 9000 | 2.7 | 59.0 | 59.0 | 59.0 | 59.0 | 66.7 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 |
| GE 8000 | 2.7 | 59.0 | 59.0 | 59.0 | 59.0 | 66.7 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 |
| GE 7000 | 2.7 | 59.0 | 59.0 | 59.0 | 59.0 | 66.7 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 |
| GE 6000 | 2.7 | 59.0 | 59.0 | 59.0 | 59.0 | 66.7 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 |
| GE 5000 | 2.7 | 59.3 | 59.3 | 59.3 | 59.3 | 67.3 | 67.3 | 67.3 | 68.3 | 68.3 | 68.3 | 68.3 | 69.0 | 69.0 | 69.0 |
| GE 4500 | 2.7 | 60.3 | 60.3 | 60.3 | 60.3 | 68.3 | 68.3 | 68.3 | 69.3 | 69.3 | 69.3 | 69.3 | 70.0 | 70.0 | 70.0 |
| GE 4000 | 2.7 | 62.7 | 62.7 | 62.7 | 62.7 | 71.0 | 71.0 | 71.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.7 | 72.7 | 72.7 |
| GE 3500 | 2.7 | 62.7 | 62.7 | 62.7 | 62.7 | 71.0 | 71.0 | 71.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.7 | 72.7 | 72.7 |
| GE 3000 | 2.7 | 63.3 | 63.3 | 63.3 | 63.3 | 71.7 | 71.7 | 71.7 | 72.7 | 72.7 | 72.7 | 72.7 | 73.3 | 73.3 | 73.3 |
| GE 2500 | 2.7 | 72.7 | 72.7 | 72.7 | 72.7 | 81.7 | 81.7 | 81.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.7 | 83.7 | 83.7 |
| GE 2000 | 2.7 | 74.0 | 74.0 | 74.0 | 74.0 | 83.0 | 83.0 | 83.0 | 84.3 | 84.3 | 84.3 | 84.3 | 85.0 | 85.0 | 85.0 |
| GE 1800 | 3.0 | 75.3 | 75.3 | 75.3 | 75.3 | 84.3 | 84.3 | 84.3 | 85.7 | 85.7 | 85.7 | 85.7 | 86.3 | 86.3 | 86.3 |
| GE 1500 | 3.0 | 75.7 | 75.7 | 75.7 | 75.7 | 85.3 | 85.3 | 85.3 | 87.0 | 87.0 | 87.0 | 87.0 | 87.7 | 87.7 | 87.7 |
| GE 1200 | 3.0 | 79.7 | 79.7 | 79.7 | 79.7 | 90.7 | 90.7 | 90.7 | 92.3 | 92.3 | 92.3 | 92.3 | 93.0 | 93.0 | 93.0 |
| GE 1000 | 3.0 | 80.7 | 80.7 | 80.7 | 80.7 | 92.3 | 92.3 | 92.3 | 94.7 | 94.7 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 |
| GE 900 | 3.0 | 80.7 | 80.7 | 80.7 | 80.7 | 92.7 | 92.7 | 92.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.7 | 95.7 | 95.7 |
| GE 800 | 3.0 | 80.7 | 80.7 | 80.7 | 80.7 | 93.0 | 93.0 | 93.0 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 |
| GE 700 | 3.0 | 81.0 | 81.0 | 81.0 | 81.0 | 93.3 | 93.3 | 93.3 | 95.7 | 95.7 | 95.7 | 95.7 | 96.3 | 96.3 | 96.3 |
| GE 600 | 3.0 | 81.0 | 81.0 | 81.0 | 81.0 | 93.3 | 93.3 | 93.3 | 96.0 | 96.3 | 96.3 | 96.3 | 97.0 | 97.0 | 97.0 |
| GE 500 | 3.0 | 81.0 | 81.0 | 81.0 | 81.0 | 93.7 | 93.7 | 93.7 | 97.0 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 |
| GE 400 | 3.0 | 81.3 | 81.3 | 81.3 | 81.3 | 94.0 | 94.0 | 94.0 | 97.7 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 |
| GE 300 | 3.0 | 81.3 | 81.3 | 81.3 | 81.3 | 94.7 | 94.7 | 94.7 | 98.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 |
| GE 200 | 3.0 | 81.3 | 81.3 | 81.3 | 81.3 | 95.0 | 95.0 | 95.0 | 98.7 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 |
| GE 100 | 3.0 | 81.3 | 81.3 | 81.3 | 81.3 | 95.0 | 95.0 | 95.0 | 98.7 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 100.0 |
| GE 0 | 3.0 | 81.3 | 81.3 | 81.3 | 81.3 | 95.0 | 95.0 | 95.0 | 98.7 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-P7
MONTH: MAY HOURS: 1100-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE
1 | GE
10 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
1/8 |
| NO CEIL | 4.3 | 42.1 | 42.1 | 42.1 | 42.1 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 2000 | 4.3 | 46.1 | 46.1 | 46.1 | 46.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 1800 | 4.3 | 46.1 | 46.1 | 46.1 | 46.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 1600 | 4.3 | 46.1 | 46.1 | 46.1 | 46.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 1400 | 4.3 | 46.1 | 46.1 | 46.1 | 46.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 1200 | 4.3 | 46.1 | 46.1 | 46.1 | 46.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 1000 | 4.6 | 59.2 | 59.2 | 59.2 | 59.2 | 64.1 | 64.1 | 64.1 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 900 | 4.6 | 59.2 | 59.2 | 59.2 | 59.2 | 64.1 | 64.1 | 64.1 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 800 | 4.6 | 59.2 | 59.2 | 59.2 | 59.2 | 64.1 | 64.1 | 64.1 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 700 | 4.6 | 59.2 | 59.2 | 59.2 | 59.2 | 64.1 | 64.1 | 64.1 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 600 | 4.6 | 59.2 | 59.2 | 59.2 | 59.2 | 64.1 | 64.1 | 64.1 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 500 | 4.6 | 59.9 | 59.9 | 59.9 | 59.9 | 64.8 | 64.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 450 | 4.6 | 60.2 | 60.2 | 60.2 | 60.2 | 65.1 | 65.1 | 65.1 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 400 | 4.6 | 62.5 | 62.5 | 62.5 | 62.5 | 67.4 | 67.4 | 67.4 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 350 | 4.6 | 63.2 | 63.2 | 63.2 | 63.2 | 68.1 | 68.1 | 68.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 300 | 4.6 | 64.5 | 64.5 | 64.5 | 64.5 | 69.4 | 69.4 | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 250 | 4.9 | 73.0 | 73.0 | 73.0 | 73.0 | 78.3 | 78.3 | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 200 | 4.9 | 74.3 | 74.3 | 74.3 | 74.3 | 79.9 | 79.9 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 180 | 4.9 | 75.3 | 75.3 | 75.3 | 75.3 | 81.3 | 81.3 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| GE 150 | 4.9 | 77.6 | 77.6 | 77.6 | 77.6 | 84.2 | 84.2 | 84.2 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 120 | 4.9 | 81.9 | 81.9 | 81.9 | 81.9 | 90.1 | 90.1 | 90.1 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 100 | 4.9 | 82.9 | 82.9 | 82.9 | 82.9 | 92.4 | 92.4 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 90 | 4.9 | 83.6 | 83.6 | 83.6 | 83.6 | 93.4 | 93.4 | 93.4 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 80 | 4.9 | 83.6 | 83.6 | 83.6 | 83.6 | 94.1 | 94.1 | 94.1 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 70 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 95.7 | 95.7 | 95.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 60 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 96.1 | 96.1 | 96.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 50 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 97.0 | 97.0 | 97.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 40 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 97.4 | 97.4 | 97.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 30 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 97.4 | 97.4 | 97.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 20 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 97.4 | 97.4 | 97.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 10 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 97.4 | 97.4 | 97.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | 4.9 | 84.5 | 84.5 | 84.5 | 84.5 | 97.4 | 97.4 | 97.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|
| | GE
1 | GE
10 | GF
6 | GF
5 | GE
4 | GF
3 | GE
2 | GF
1 1/2 | GE
2 | GF
1 1/2 | GE
1 1/4 | GF
1 | GE
3/4 | GF
5/8 | GE
1/2 | GF
5/16 |
| NO CEIL | 5.7 | 44.0 | 44.0 | 44.0 | 44.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| GE 20000 | 6.4 | 49.3 | 49.3 | 49.3 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| GE 18000 | 6.4 | 49.3 | 49.3 | 49.3 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| GE 16000 | 6.4 | 49.3 | 49.3 | 49.3 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| GE 14000 | 6.4 | 49.3 | 49.3 | 49.3 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| GF 12000 | 6.4 | 49.3 | 49.3 | 49.3 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| GE 10000 | 6.7 | 60.7 | 60.7 | 60.7 | 60.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GE 9000 | 6.7 | 60.7 | 60.7 | 60.7 | 60.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GE 8000 | 6.7 | 60.7 | 60.7 | 60.7 | 60.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GE 7000 | 6.7 | 60.7 | 60.7 | 60.7 | 60.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GE 6000 | 6.7 | 60.7 | 60.7 | 60.7 | 60.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 5000 | 6.7 | 60.7 | 60.7 | 60.7 | 60.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 4500 | 6.7 | 61.1 | 61.1 | 61.1 | 61.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 4000 | 7.4 | 65.4 | 65.4 | 65.4 | 65.4 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 3500 | 7.7 | 66.4 | 66.4 | 66.4 | 66.4 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 3000 | 7.7 | 69.8 | 69.8 | 69.8 | 69.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| GE 2500 | 7.7 | 77.9 | 77.9 | 77.9 | 77.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 2000 | 7.7 | 80.5 | 80.5 | 80.5 | 80.5 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 1800 | 8.4 | 82.6 | 82.6 | 82.6 | 82.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 1600 | 8.4 | 84.2 | 84.2 | 84.2 | 84.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 1400 | 8.4 | 89.3 | 89.3 | 89.3 | 89.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 1200 | 8.4 | 90.3 | 90.3 | 90.3 | 90.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 1000 | 8.4 | 90.3 | 90.3 | 90.3 | 90.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 8.4 | 90.3 | 90.3 | 90.3 | 90.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 700 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 600 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 500 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 200 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | 8.4 | 90.6 | 90.6 | 90.6 | 90.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(UTC): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 7.1 | 37.7 | 37.7 | 37.7 | 37.7 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.4 | 38.4 | 38.4 |
| GE 20000 | 8.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 46.1 | 46.1 | 46.1 |
| GE 18000 | 8.4 | 45.8 | 45.8 | 45.8 | 45.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.5 | 46.5 | 46.5 |
| GE 16000 | 8.4 | 45.8 | 45.8 | 45.8 | 45.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.5 | 46.5 | 46.5 |
| GE 14000 | 8.4 | 45.8 | 45.8 | 45.8 | 45.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.5 | 46.5 | 46.5 |
| GE 12000 | 8.4 | 45.8 | 45.8 | 45.8 | 45.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.5 | 46.5 | 46.5 |
| GE 10000 | 9.4 | 56.6 | 56.6 | 56.6 | 56.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.6 | 58.6 | 58.6 |
| GE 9000 | 9.4 | 56.6 | 56.6 | 56.6 | 56.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.6 | 58.6 | 58.6 |
| GE 8000 | 9.4 | 56.6 | 56.6 | 56.6 | 56.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.6 | 58.6 | 58.6 |
| GE 7000 | 9.4 | 56.6 | 56.6 | 56.6 | 56.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.6 | 58.6 | 58.6 |
| GE 6000 | 9.4 | 56.6 | 56.6 | 56.6 | 56.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.6 | 58.6 | 58.6 |
| GE 5000 | 9.4 | 57.9 | 57.9 | 57.9 | 57.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 |
| GE 4500 | 9.8 | 58.6 | 58.6 | 58.6 | 58.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.9 | 60.9 | 60.9 |
| GE 4000 | 10.8 | 63.6 | 63.6 | 63.6 | 63.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.3 | 66.3 | 66.3 |
| GE 3500 | 10.8 | 64.3 | 64.3 | 64.3 | 64.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 67.0 | 67.0 | 67.0 |
| GE 3000 | 11.1 | 66.7 | 66.7 | 66.7 | 66.7 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.4 | 69.4 | 69.4 |
| GE 2500 | 11.1 | 81.1 | 81.1 | 81.1 | 81.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.5 | 84.5 | 84.5 |
| GE 2000 | 11.4 | 83.2 | 83.2 | 83.2 | 83.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.5 | 86.5 | 86.5 |
| GE 1800 | 11.4 | 83.8 | 83.8 | 83.8 | 83.8 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.9 | 87.9 | 87.9 |
| GE 1500 | 11.4 | 84.8 | 84.8 | 84.8 | 84.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 |
| GE 1200 | 11.4 | 90.9 | 90.9 | 90.9 | 90.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 |
| GE 1000 | 11.4 | 91.2 | 91.2 | 91.2 | 91.2 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 |
| GE 900 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 |
| GE 800 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 |
| GE 700 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 |
| GE 600 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 |
| GE 500 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 400 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 300 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 200 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 100 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 0 | 11.4 | 91.6 | 91.6 | 91.6 | 91.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1800-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-------------|-----------|-----------|-----------|-----------|------------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
1 1/4 | GE
5/8 | GE
1/2 | GE
1/4 | GE
1/8 | GE
1/16 |
| NO CEIL | 6.8 | 43.9 | 43.9 | 43.9 | 43.9 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GE 20000 | 8.1 | 47.6 | 47.6 | 47.6 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 18000 | 8.1 | 47.6 | 47.6 | 47.6 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 16000 | 8.1 | 47.6 | 47.6 | 47.6 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 14000 | 8.1 | 47.6 | 47.6 | 47.6 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 12000 | 8.1 | 47.6 | 47.6 | 47.6 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 10000 | 8.4 | 62.5 | 62.5 | 62.5 | 62.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 9000 | 8.4 | 62.5 | 62.5 | 62.5 | 62.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 8000 | 8.4 | 62.5 | 62.5 | 62.5 | 62.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 7000 | 8.4 | 62.5 | 62.5 | 62.5 | 62.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 6000 | 8.4 | 62.8 | 62.9 | 62.8 | 62.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| GE 5000 | 9.1 | 64.9 | 64.9 | 64.9 | 64.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 4500 | 9.1 | 66.6 | 66.6 | 66.6 | 66.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 4000 | 9.5 | 70.9 | 70.9 | 70.9 | 70.9 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 3500 | 9.5 | 70.9 | 70.9 | 70.9 | 70.9 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 3000 | 9.8 | 73.0 | 73.0 | 73.0 | 73.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 2500 | 10.5 | 86.5 | 86.5 | 86.5 | 86.5 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 2000 | 10.5 | 87.5 | 87.5 | 87.5 | 87.5 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 1800 | 10.5 | 87.5 | 87.5 | 87.5 | 87.5 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 1500 | 10.5 | 88.9 | 88.9 | 88.9 | 88.9 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1200 | 10.5 | 93.9 | 93.9 | 93.9 | 93.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 1000 | 10.5 | 94.9 | 94.9 | 94.9 | 94.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 900 | 10.5 | 94.9 | 94.9 | 94.9 | 94.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 800 | 10.5 | 94.9 | 94.9 | 94.9 | 94.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 700 | 10.5 | 94.9 | 94.9 | 94.9 | 94.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 600 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 01 | 10.5 | 95.3 | 95.3 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(EST): 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|-------|-------|
| | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO CEIL | 4.6 | 48.7 | 48.7 | 48.7 | 48.7 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 20000 | 4.6 | 51.0 | 51.0 | 51.0 | 51.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 18000 | 4.6 | 51.0 | 51.0 | 51.0 | 51.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 16000 | 4.6 | 51.0 | 51.0 | 51.0 | 51.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 14000 | 4.6 | 51.0 | 51.0 | 51.0 | 51.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 12000 | 4.6 | 51.0 | 51.0 | 51.0 | 51.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 10000 | 5.6 | 66.1 | 66.1 | 66.1 | 66.1 | 69.7 | 69.7 | 69.7 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 9000 | 5.6 | 66.1 | 66.1 | 66.1 | 66.1 | 69.7 | 69.7 | 69.7 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 8000 | 5.6 | 66.1 | 66.1 | 66.1 | 66.1 | 69.7 | 69.7 | 69.7 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 7000 | 5.6 | 66.1 | 66.1 | 66.1 | 66.1 | 69.7 | 69.7 | 69.7 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 6000 | 5.6 | 66.1 | 66.1 | 66.1 | 66.1 | 70.1 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 5000 | 5.6 | 68.1 | 68.1 | 68.1 | 68.1 | 72.0 | 72.0 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 4500 | 5.6 | 68.1 | 68.1 | 68.1 | 68.1 | 72.0 | 72.0 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 4000 | 5.6 | 69.4 | 69.4 | 69.4 | 69.4 | 73.4 | 73.4 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 3500 | 5.6 | 69.7 | 69.7 | 69.7 | 69.7 | 73.7 | 73.7 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 3000 | 5.6 | 72.0 | 72.0 | 72.0 | 72.0 | 76.0 | 76.0 | 76.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 2500 | 5.6 | 84.2 | 84.2 | 84.2 | 84.2 | 88.8 | 88.8 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 2000 | 5.9 | 86.2 | 86.2 | 86.2 | 86.2 | 91.1 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 1800 | 5.9 | 86.5 | 86.5 | 86.5 | 86.5 | 91.4 | 91.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 1500 | 5.9 | 86.5 | 86.5 | 86.5 | 86.5 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 1200 | 5.9 | 91.8 | 91.8 | 91.8 | 91.8 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 1000 | 5.9 | 92.4 | 92.4 | 92.4 | 92.4 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 900 | 5.9 | 92.4 | 92.4 | 92.4 | 92.4 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 800 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 700 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 |
| GE 600 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 |
| GE 500 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 400 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 300 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 200 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 100 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 0 | 5.9 | 92.8 | 92.8 | 92.8 | 92.8 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 3.9 | 43.7 | 43.8 | 43.8 | 43.8 | 45.9 | 45.9 | 45.9 | 46.1 | 46.2 | 46.2 | 46.2 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 20000 | 4.5 | 47.7 | 47.8 | 47.8 | 47.8 | 50.4 | 50.4 | 50.4 | 50.6 | 50.7 | 50.7 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 |
| GE 18000 | 4.5 | 47.8 | 47.8 | 47.8 | 47.8 | 50.5 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 |
| GE 16000 | 4.5 | 47.8 | 47.8 | 47.8 | 47.8 | 50.5 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 |
| GE 14000 | 4.5 | 47.8 | 47.8 | 47.8 | 47.8 | 50.5 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 |
| GE 12000 | 4.5 | 47.8 | 47.8 | 47.8 | 47.8 | 50.5 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 |
| GE 10000 | 4.9 | 60.4 | 60.5 | 60.5 | 60.5 | 64.8 | 64.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 9000 | 4.9 | 60.4 | 60.5 | 60.5 | 60.5 | 64.8 | 64.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 8000 | 4.9 | 60.4 | 60.5 | 60.5 | 60.5 | 64.8 | 64.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 7000 | 4.9 | 60.4 | 60.5 | 60.5 | 60.5 | 64.8 | 64.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 6000 | 4.9 | 60.5 | 60.6 | 60.6 | 60.6 | 64.9 | 64.9 | 64.9 | 65.3 | 65.3 | 65.3 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 |
| GE 5000 | 5.0 | 61.8 | 61.8 | 61.8 | 61.8 | 66.4 | 66.4 | 66.4 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 |
| GE 4500 | 5.0 | 62.3 | 62.4 | 62.4 | 62.4 | 66.9 | 66.9 | 66.9 | 67.4 | 67.5 | 67.5 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 |
| GE 4000 | 5.3 | 65.4 | 65.5 | 65.5 | 65.5 | 70.2 | 70.2 | 70.2 | 70.7 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 3500 | 5.3 | 65.8 | 65.8 | 65.8 | 65.8 | 70.6 | 70.6 | 70.6 | 71.1 | 71.2 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 3000 | 5.4 | 67.4 | 67.5 | 67.5 | 67.5 | 72.3 | 72.3 | 72.3 | 72.8 | 72.9 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 2500 | 5.5 | 78.6 | 78.6 | 78.6 | 78.6 | 83.9 | 83.9 | 83.9 | 84.4 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 2000 | 5.6 | 80.1 | 80.2 | 80.2 | 80.2 | 85.5 | 85.5 | 85.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 1800 | 5.8 | 80.9 | 81.0 | 81.0 | 81.0 | 86.7 | 86.7 | 86.7 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 1500 | 5.8 | 81.6 | 81.9 | 81.9 | 81.9 | 87.9 | 87.9 | 87.9 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 1200 | 5.8 | 86.5 | 86.6 | 86.6 | 86.6 | 94.3 | 94.3 | 94.3 | 95.2 | 95.2 | 95.2 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 1000 | 5.8 | 87.2 | 87.3 | 87.3 | 87.3 | 95.6 | 95.6 | 95.6 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 900 | 5.8 | 87.4 | 87.4 | 87.4 | 87.4 | 96.0 | 96.0 | 96.0 | 96.9 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 800 | 5.8 | 87.6 | 87.6 | 87.6 | 87.6 | 96.4 | 96.4 | 96.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 700 | 5.8 | 87.8 | 87.8 | 87.8 | 87.8 | 96.9 | 96.9 | 96.9 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 |
| GE 600 | 5.8 | 87.8 | 87.9 | 87.9 | 87.9 | 97.0 | 97.0 | 97.0 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 500 | 5.8 | 87.8 | 87.9 | 87.9 | 87.9 | 97.4 | 97.4 | 97.4 | 98.7 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 400 | 5.8 | 87.9 | 88.0 | 88.0 | 88.0 | 97.6 | 97.6 | 97.6 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 |
| GE 300 | 5.8 | 87.9 | 88.0 | 88.0 | 88.0 | 97.7 | 97.7 | 97.7 | 99.2 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 |
| GE 200 | 5.8 | 87.9 | 88.0 | 88.0 | 88.0 | 97.7 | 97.7 | 97.7 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| GE 100 | 5.8 | 87.9 | 88.0 | 88.0 | 88.0 | 97.7 | 97.7 | 97.7 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 |
| GE 0 | 5.8 | 87.9 | 88.0 | 88.0 | 88.0 | 97.7 | 97.7 | 97.7 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 74-87
MONTH: JUN HOURS/EST: 0000-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 |
| NO CEIL | 1.4 | 45.4 | 45.4 | 45.4 | 45.4 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| GE 20000 | 1.7 | 48.1 | 48.1 | 48.1 | 48.1 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 18000 | 1.7 | 48.1 | 48.1 | 48.1 | 48.1 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 16000 | 1.7 | 48.1 | 48.1 | 48.1 | 48.1 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 14000 | 1.7 | 48.1 | 48.1 | 48.1 | 48.1 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 12000 | 1.7 | 48.1 | 48.1 | 48.1 | 48.1 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 10000 | 1.7 | 58.7 | 58.7 | 58.7 | 58.7 | 65.2 | 65.2 | 65.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 9000 | 1.7 | 58.7 | 58.7 | 58.7 | 58.7 | 65.2 | 65.2 | 65.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 8000 | 1.7 | 58.7 | 58.7 | 58.7 | 58.7 | 65.2 | 65.2 | 65.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 7000 | 1.7 | 58.7 | 58.7 | 58.7 | 58.7 | 65.2 | 65.2 | 65.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 6000 | 1.7 | 58.7 | 58.7 | 58.7 | 58.7 | 65.2 | 65.2 | 65.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 5000 | 1.7 | 59.7 | 59.7 | 59.7 | 59.7 | 66.6 | 66.6 | 66.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 4500 | 1.7 | 59.7 | 59.7 | 59.7 | 59.7 | 67.2 | 67.2 | 67.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 4000 | 1.7 | 62.5 | 62.5 | 62.5 | 62.5 | 70.0 | 70.0 | 70.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 3500 | 1.7 | 62.8 | 62.8 | 62.8 | 62.8 | 70.3 | 70.3 | 70.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 3000 | 1.7 | 63.5 | 63.5 | 63.5 | 63.5 | 71.3 | 71.3 | 71.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 2500 | 1.7 | 73.4 | 73.4 | 73.4 | 73.4 | 82.9 | 82.9 | 82.9 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 2000 | 1.7 | 75.1 | 75.1 | 75.1 | 75.1 | 84.6 | 84.6 | 84.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 1800 | 1.7 | 75.1 | 75.1 | 75.1 | 75.1 | 84.6 | 84.6 | 84.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 1500 | 1.7 | 75.8 | 75.8 | 75.8 | 75.8 | 85.3 | 85.3 | 85.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 1200 | 1.7 | 82.3 | 82.3 | 82.3 | 82.3 | 94.2 | 94.2 | 94.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 1000 | 1.7 | 82.6 | 82.6 | 82.6 | 82.6 | 94.9 | 94.9 | 94.9 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 900 | 1.7 | 82.6 | 82.6 | 82.6 | 82.6 | 94.9 | 94.9 | 94.9 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 800 | 1.7 | 82.6 | 82.6 | 82.6 | 82.6 | 95.6 | 95.6 | 95.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 700 | 1.7 | 83.3 | 83.3 | 83.3 | 83.3 | 96.6 | 96.6 | 96.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 600 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 500 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 100 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 0 | 1.7 | 83.6 | 83.6 | 83.6 | 83.6 | 96.9 | 96.9 | 96.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260637 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS ILST: 0300-0500

| CEILING
IN
FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----|-----------------------------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | 1.0 | 40.7 | 40.7 | 40.7 | 40.7 | 47.5 | 47.5 | 47.5 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.5 | 48.5 | 48.5 |
| GE 20000 | 1.0 | 42.0 | 42.0 | 42.0 | 42.0 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.5 | 50.5 | 50.5 |
| GE 18000 | 1.0 | 42.0 | 42.0 | 42.0 | 42.0 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.5 | 50.5 | 50.5 |
| GE 16000 | 1.0 | 42.0 | 42.0 | 42.0 | 42.0 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.5 | 50.5 | 50.5 |
| GE 14000 | 1.0 | 42.0 | 42.0 | 42.0 | 42.0 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.5 | 50.5 | 50.5 |
| GE 12000 | 1.0 | 42.0 | 42.0 | 42.0 | 42.0 | 49.5 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.5 | 50.5 | 50.5 |
| GE 10000 | 1.0 | 55.9 | 55.9 | 55.9 | 55.9 | 64.7 | 64.7 | 64.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 |
| GE 9000 | 1.0 | 55.9 | 55.9 | 55.9 | 55.9 | 64.7 | 64.7 | 64.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 |
| GE 8000 | 1.0 | 55.9 | 55.9 | 55.9 | 55.9 | 64.7 | 64.7 | 64.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 |
| GE 7000 | 1.0 | 55.9 | 55.9 | 55.9 | 55.9 | 64.7 | 64.7 | 64.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 |
| GE 6000 | 1.0 | 55.9 | 55.9 | 55.9 | 55.9 | 64.7 | 64.7 | 64.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 |
| GE 5000 | 1.0 | 56.6 | 56.6 | 56.6 | 56.6 | 65.4 | 65.4 | 65.4 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 |
| GE 4500 | 1.0 | 56.9 | 56.9 | 56.9 | 56.9 | 66.1 | 66.1 | 66.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.8 | 67.8 | 67.8 |
| GE 4000 | 1.0 | 58.6 | 58.6 | 58.6 | 58.6 | 67.8 | 67.8 | 67.8 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.5 | 69.5 | 69.5 |
| GE 3500 | 1.0 | 59.0 | 59.0 | 59.0 | 59.0 | 68.1 | 68.1 | 68.1 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.2 | 70.2 | 70.2 |
| GE 3000 | 1.0 | 60.0 | 60.0 | 60.0 | 60.0 | 69.2 | 69.2 | 69.2 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 71.2 | 71.2 | 71.2 |
| GE 2500 | 1.0 | 70.5 | 70.5 | 70.5 | 70.5 | 81.7 | 81.7 | 82.0 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.7 | 83.7 | 83.7 |
| GE 2000 | 1.0 | 71.9 | 71.9 | 71.9 | 71.9 | 83.4 | 83.4 | 83.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 |
| GE 1800 | 1.0 | 72.5 | 72.5 | 72.5 | 72.5 | 84.1 | 84.1 | 84.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.1 | 86.1 | 86.1 |
| GE 1600 | 1.0 | 72.9 | 72.9 | 72.9 | 72.9 | 85.1 | 85.1 | 85.4 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.5 | 87.5 | 87.5 |
| GE 1400 | 1.0 | 78.6 | 78.6 | 78.6 | 78.6 | 93.2 | 93.2 | 93.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 |
| GE 1200 | 1.0 | 78.6 | 78.6 | 78.6 | 78.6 | 94.2 | 94.2 | 94.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 |
| GE 1000 | 1.0 | 78.6 | 78.6 | 78.6 | 78.6 | 94.6 | 94.6 | 94.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 |
| GE 900 | 1.0 | 78.6 | 78.6 | 78.6 | 78.6 | 95.3 | 95.3 | 95.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 |
| GE 800 | 1.0 | 79.0 | 79.0 | 79.0 | 79.0 | 96.3 | 96.3 | 96.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 |
| GE 700 | 1.0 | 79.3 | 79.3 | 79.3 | 79.3 | 96.6 | 96.6 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 |
| GE 600 | 1.0 | 79.3 | 79.3 | 79.3 | 79.3 | 96.6 | 96.6 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 |
| GE 500 | 1.0 | 79.7 | 79.7 | 79.7 | 79.7 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 400 | 1.0 | 79.7 | 79.7 | 79.7 | 79.7 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 300 | 1.0 | 79.7 | 79.7 | 79.7 | 79.7 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 200 | 1.0 | 79.7 | 79.7 | 79.7 | 79.7 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 100 | 1.0 | 79.7 | 79.7 | 79.7 | 79.7 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 |
| GE 0 | 1.0 | 79.7 | 79.7 | 79.7 | 79.7 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0600-0800

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 3.1 | 40.3 | 40.3 | 40.3 | 40.3 | 44.0 | 44.0 | 44.4 | 44.7 | 44.7 | 44.7 | 44.7 | 45.1 | 45.4 | 45.4 |
| GE 20000 | 3.4 | 43.7 | 43.7 | 43.7 | 43.7 | 48.1 | 48.1 | 48.5 | 48.8 | 48.8 | 49.2 | 49.3 | 49.1 | 49.5 | 49.5 |
| GE 18000 | 3.4 | 43.7 | 43.7 | 43.7 | 43.7 | 48.1 | 48.1 | 48.5 | 48.8 | 48.8 | 49.2 | 49.3 | 49.1 | 49.5 | 49.5 |
| GE 16000 | 3.4 | 43.7 | 43.7 | 43.7 | 43.7 | 48.1 | 48.1 | 48.5 | 48.8 | 48.8 | 49.2 | 49.3 | 49.1 | 49.5 | 49.5 |
| GE 14000 | 3.4 | 43.7 | 43.7 | 43.7 | 43.7 | 48.1 | 48.1 | 48.5 | 48.8 | 48.8 | 49.2 | 49.3 | 49.1 | 49.5 | 49.5 |
| GE 12000 | 3.4 | 43.7 | 43.7 | 43.7 | 43.7 | 48.1 | 48.1 | 48.5 | 48.8 | 48.8 | 49.2 | 49.3 | 49.1 | 49.5 | 49.5 |
| GE 10000 | 5.8 | 57.3 | 57.3 | 57.3 | 57.3 | 63.5 | 63.5 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 | 65.2 | 65.2 |
| GE 9000 | 5.8 | 57.3 | 57.3 | 57.3 | 57.3 | 63.5 | 63.5 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 | 65.2 | 65.2 |
| GE 8000 | 5.8 | 57.3 | 57.3 | 57.3 | 57.3 | 63.5 | 63.5 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 | 65.2 | 65.2 |
| GE 7000 | 5.8 | 57.3 | 57.3 | 57.3 | 57.3 | 63.5 | 63.5 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 | 65.2 | 65.2 |
| GE 6000 | 5.8 | 57.7 | 57.7 | 57.7 | 57.7 | 63.8 | 63.8 | 64.2 | 64.8 | 64.8 | 64.8 | 64.8 | 65.2 | 65.5 | 65.5 |
| GE 5000 | 5.8 | 57.7 | 57.7 | 57.7 | 57.7 | 64.2 | 64.2 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 | 65.9 | 65.9 |
| GE 4500 | 5.8 | 57.7 | 57.7 | 57.7 | 57.7 | 64.5 | 64.5 | 64.8 | 65.5 | 65.5 | 65.5 | 65.5 | 65.9 | 66.2 | 66.2 |
| GE 4000 | 5.8 | 59.7 | 59.7 | 59.7 | 59.7 | 66.9 | 66.9 | 67.2 | 67.9 | 67.9 | 67.9 | 67.9 | 68.3 | 68.6 | 68.6 |
| GE 3500 | 5.8 | 59.7 | 59.7 | 59.7 | 59.7 | 66.9 | 66.9 | 67.2 | 67.9 | 67.9 | 67.9 | 67.9 | 68.3 | 68.6 | 68.6 |
| GE 3000 | 5.8 | 60.4 | 60.4 | 60.4 | 60.4 | 67.9 | 67.9 | 68.3 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 2500 | 5.8 | 75.8 | 75.8 | 75.8 | 75.8 | 84.3 | 84.3 | 84.6 | 85.3 | 85.3 | 85.3 | 85.3 | 85.7 | 86.0 | 86.0 |
| GE 2000 | 6.1 | 76.5 | 76.5 | 76.5 | 76.5 | 85.3 | 85.3 | 85.7 | 86.3 | 86.3 | 86.3 | 86.3 | 86.7 | 87.0 | 87.0 |
| GE 1800 | 6.1 | 76.5 | 76.5 | 76.5 | 76.5 | 85.3 | 85.3 | 85.7 | 86.3 | 86.3 | 86.3 | 86.3 | 86.7 | 87.0 | 87.0 |
| GE 1600 | 6.1 | 77.1 | 77.1 | 77.1 | 77.1 | 86.0 | 86.0 | 86.3 | 87.0 | 87.0 | 87.0 | 87.0 | 87.4 | 87.7 | 87.7 |
| GE 1400 | 6.1 | 82.6 | 82.6 | 82.6 | 82.6 | 93.5 | 93.5 | 93.9 | 94.5 | 94.5 | 94.5 | 94.5 | 94.9 | 95.2 | 95.2 |
| GE 1200 | 6.1 | 83.3 | 83.3 | 83.3 | 83.3 | 94.2 | 94.2 | 94.5 | 95.2 | 95.2 | 95.2 | 95.2 | 95.6 | 95.9 | 95.9 |
| GE 1000 | 6.1 | 83.3 | 83.3 | 83.3 | 83.3 | 94.5 | 94.5 | 94.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.2 | 96.6 | 96.6 |
| GE 900 | 6.1 | 83.3 | 83.3 | 83.3 | 83.3 | 94.5 | 94.5 | 94.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.6 | 96.9 | 96.9 |
| GE 800 | 6.1 | 83.3 | 83.3 | 83.3 | 83.3 | 94.9 | 94.9 | 95.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.9 | 97.3 | 97.3 |
| GE 700 | 6.1 | 83.6 | 83.6 | 83.6 | 83.6 | 95.6 | 95.6 | 95.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.3 | 98.6 | 98.6 |
| GE 600 | 6.1 | 84.0 | 84.0 | 84.0 | 84.0 | 95.9 | 95.9 | 96.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 99.0 | 99.3 |
| GE 500 | 6.1 | 84.0 | 84.0 | 84.0 | 84.0 | 96.2 | 96.2 | 96.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.0 | 99.7 | 99.7 |
| GE 400 | 6.1 | 84.0 | 84.0 | 84.0 | 84.0 | 96.6 | 96.6 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 100.0 | 100.0 |
| GE 300 | 6.1 | 84.0 | 84.0 | 84.0 | 84.0 | 96.6 | 96.6 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 100.0 | 100.0 |
| GE 200 | 6.1 | 84.0 | 84.0 | 84.0 | 84.0 | 96.6 | 96.6 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 100.0 | 100.0 |
| GE 100 | 6.1 | 84.0 | 84.0 | 84.0 | 84.0 | 96.6 | 96.6 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 100.0 | 100.0 |

REVISION: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 76-87
MONTH: JUN HOURS(UTC): 0900-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 6.2 | 44.5 | 44.5 | 44.5 | 44.5 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| GE 20000 | 6.5 | 49.3 | 49.3 | 49.3 | 49.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 18000 | 6.5 | 49.3 | 49.3 | 49.3 | 49.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 16000 | 6.5 | 49.3 | 49.3 | 49.3 | 49.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 14000 | 6.5 | 49.3 | 49.3 | 49.3 | 49.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 12000 | 6.5 | 49.3 | 49.3 | 49.3 | 49.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 10000 | 8.6 | 64.7 | 64.7 | 64.7 | 64.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 9000 | 8.6 | 64.7 | 64.7 | 64.7 | 64.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 8000 | 8.6 | 64.7 | 64.7 | 64.7 | 64.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 7000 | 8.6 | 64.7 | 64.7 | 64.7 | 64.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 6000 | 8.6 | 64.7 | 64.7 | 64.7 | 64.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 5000 | 8.6 | 65.4 | 65.4 | 65.4 | 65.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 4500 | 8.6 | 65.4 | 65.4 | 65.4 | 65.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 4000 | 8.6 | 67.1 | 67.1 | 67.1 | 67.1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| GE 3500 | 8.6 | 67.5 | 67.5 | 67.5 | 67.5 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 3000 | 8.6 | 67.8 | 67.8 | 67.8 | 67.8 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 2500 | 8.6 | 76.7 | 76.7 | 76.7 | 76.7 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 2000 | 8.6 | 79.5 | 79.5 | 79.5 | 79.5 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 1800 | 8.6 | 81.2 | 81.2 | 81.2 | 81.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 1500 | 8.6 | 82.2 | 82.2 | 82.2 | 82.2 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 1200 | 8.6 | 88.4 | 88.4 | 88.4 | 88.4 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 1000 | 8.9 | 89.0 | 89.0 | 89.0 | 89.0 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 900 | 8.9 | 89.4 | 89.4 | 89.4 | 89.4 | 96.2 | 96.2 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 800 | 8.9 | 89.4 | 89.4 | 89.4 | 89.4 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 700 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 600 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 98.3 | 98.3 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 98.3 | 98.3 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 98.3 | 98.3 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 100 | 8.9 | 89.7 | 89.7 | 89.7 | 89.7 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 0 | 8.9 | 90.1 | 90.1 | 90.1 | 90.1 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 9.6 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 35.3 | 35.3 | 35.7 | 35.3 | 35.3 | 35.3 | 35.3 |
| GE 20000 | 9.9 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| GE 18000 | 9.9 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| GE 16000 | 9.9 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| GE 14000 | 9.9 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| GE 12000 | 9.9 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| GE 10000 | 11.6 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 9000 | 11.6 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 8000 | 11.6 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 7000 | 11.6 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 6000 | 11.6 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 5000 | 12.0 | 56.2 | 56.2 | 56.2 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 4500 | 12.0 | 56.2 | 56.2 | 56.2 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 4000 | 13.0 | 61.3 | 61.3 | 61.3 | 61.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 3500 | 13.0 | 61.6 | 61.6 | 61.6 | 61.6 | 62.7 | 62.7 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 3000 | 13.7 | 64.0 | 64.0 | 64.0 | 64.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 2500 | 14.4 | 82.5 | 82.5 | 82.5 | 82.5 | 84.2 | 84.2 | 84.2 | 84.2 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 2000 | 14.7 | 85.6 | 85.6 | 85.6 | 85.6 | 87.7 | 87.7 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 1800 | 14.7 | 86.3 | 86.3 | 86.3 | 86.3 | 88.7 | 88.7 | 88.7 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 1500 | 14.7 | 87.7 | 87.7 | 87.7 | 87.7 | 90.4 | 90.4 | 90.4 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 1200 | 14.7 | 92.5 | 92.5 | 92.5 | 92.5 | 96.2 | 96.2 | 96.2 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 1000 | 14.7 | 93.2 | 93.2 | 93.2 | 93.2 | 96.9 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 900 | 14.7 | 93.2 | 93.2 | 93.2 | 93.2 | 96.9 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 14.7 | 93.2 | 93.2 | 93.2 | 93.2 | 96.9 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 700 | 14.7 | 93.5 | 93.5 | 93.5 | 93.5 | 97.9 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 600 | 14.7 | 93.5 | 93.5 | 93.5 | 93.5 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 500 | 14.7 | 93.8 | 93.8 | 93.8 | 93.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | 14.7 | 93.8 | 93.8 | 93.8 | 93.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 14.7 | 93.8 | 93.8 | 93.8 | 93.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 14.7 | 93.8 | 93.8 | 93.8 | 93.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 100 | 14.7 | 93.8 | 93.8 | 93.8 | 93.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 0 | 14.7 | 93.8 | 93.8 | 93.8 | 93.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 |
| NO CEIL | 7.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 |
| GE 20000 | 9.2 | 36.6 | 36.6 | 36.6 | 36.6 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| GE 18000 | 8.2 | 36.6 | 36.6 | 36.6 | 36.6 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| GE 16000 | 8.2 | 36.6 | 36.6 | 36.6 | 36.6 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| GE 14000 | 8.2 | 36.6 | 36.6 | 36.6 | 36.6 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| GE 12000 | 8.2 | 36.6 | 36.6 | 36.6 | 36.6 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| GE 10000 | 10.6 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| GE 9000 | 10.6 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| GE 8000 | 10.6 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| GE 7000 | 10.6 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| GE 6000 | 10.6 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| GE 5000 | 11.3 | 52.1 | 52.1 | 52.1 | 52.1 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| GE 4500 | 11.3 | 52.4 | 52.4 | 52.4 | 52.4 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 4000 | 12.7 | 57.9 | 57.9 | 57.9 | 57.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 3500 | 13.0 | 58.9 | 58.9 | 58.9 | 58.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 3000 | 13.4 | 59.9 | 59.9 | 59.9 | 59.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 2500 | 13.7 | 80.8 | 80.8 | 80.8 | 80.8 | 83.2 | 83.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 2000 | 14.4 | 84.6 | 84.6 | 84.6 | 84.6 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 1800 | 14.4 | 84.6 | 84.6 | 84.6 | 84.6 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 1500 | 14.4 | 87.3 | 87.3 | 87.3 | 87.3 | 89.7 | 89.7 | 90.1 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 1200 | 14.4 | 93.8 | 93.8 | 93.8 | 93.8 | 96.9 | 96.9 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 1000 | 14.4 | 94.2 | 94.2 | 94.2 | 94.2 | 97.6 | 97.6 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 900 | 14.4 | 94.2 | 94.2 | 94.2 | 94.2 | 97.6 | 97.6 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 800 | 14.4 | 94.2 | 94.2 | 94.2 | 94.2 | 97.9 | 97.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 700 | 14.4 | 94.5 | 94.5 | 94.5 | 94.5 | 98.3 | 98.3 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | 14.4 | 94.9 | 94.9 | 94.9 | 94.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 14.4 | 94.9 | 94.9 | 94.9 | 94.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 14.4 | 95.2 | 95.2 | 95.2 | 95.2 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 14.4 | 95.2 | 95.2 | 95.2 | 95.2 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 14.4 | 95.2 | 95.2 | 95.2 | 95.2 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 14.4 | 95.2 | 95.2 | 95.2 | 95.2 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 14.4 | 95.2 | 95.2 | 95.2 | 95.2 | 99.3 | 99.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(EST): 1800-2000

| CEILING
IN FEET | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|--------------------|------|-----------------------------|------|------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|
| 10 | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| 10 | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 | | | |
| NO CEIL | 8.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | | | |
| GE 20000 | 10.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| GE 18000 | 10.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| GE 16000 | 10.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| GE 14000 | 10.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| GE 12000 | 10.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| GE 10000 | 13.5 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 9000 | 13.5 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 8000 | 13.5 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 7000 | 13.5 | 53.3 | 53.3 | 53.3 | 53.3 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 6000 | 13.5 | 53.3 | 53.3 | 53.3 | 53.3 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 5000 | 14.5 | 55.7 | 55.7 | 55.7 | 55.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| GE 4500 | 14.9 | 56.7 | 56.7 | 56.7 | 56.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 4000 | 15.6 | 60.9 | 60.9 | 60.9 | 60.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 3500 | 15.9 | 61.2 | 61.2 | 61.2 | 61.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 3000 | 15.9 | 62.6 | 62.6 | 62.6 | 62.6 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 2500 | 17.0 | 81.3 | 81.3 | 81.3 | 81.3 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 2000 | 17.0 | 83.4 | 83.4 | 83.4 | 83.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 1800 | 17.0 | 84.4 | 84.4 | 84.4 | 84.4 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 1500 | 17.0 | 85.5 | 85.5 | 85.5 | 85.5 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 1200 | 17.0 | 92.4 | 92.4 | 92.4 | 92.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1000 | 17.0 | 93.1 | 93.1 | 93.1 | 93.1 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 900 | 17.0 | 93.4 | 93.4 | 93.4 | 93.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 800 | 17.0 | 93.4 | 93.4 | 93.4 | 93.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 700 | 17.0 | 94.1 | 94.1 | 94.1 | 94.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 600 | 17.0 | 94.1 | 94.1 | 94.1 | 94.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 500 | 17.0 | 94.1 | 94.1 | 94.1 | 94.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 400 | 17.0 | 94.5 | 94.5 | 94.5 | 94.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 17.0 | 94.5 | 94.5 | 94.5 | 94.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 17.0 | 94.8 | 94.8 | 94.8 | 94.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 100 | 17.0 | 94.8 | 94.8 | 94.8 | 94.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 0 | 17.0 | 94.8 | 94.8 | 94.8 | 94.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS/LEST: 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| | GE
1 | GE
2 | GE
3 | GE
4 | GE
5 | GE
6 | GE
7 | GE
8 | GE
9 | GE
10 | GE
11 | GE
12 | GE
13 | GE
14 | GE
15 | GE
16 |
| NO CEIL | 8.0 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| GE 20000 | 9.4 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.2 | 50.2 |
| GE 18000 | 9.4 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.2 | 50.2 |
| GE 16000 | 9.4 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.2 | 50.2 |
| GE 14000 | 9.4 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.2 | 50.2 |
| GE 12000 | 9.4 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.2 | 50.2 |
| GE 10000 | 12.2 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 64.8 | 64.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 | 65.5 |
| GE 9000 | 12.2 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 64.8 | 64.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 | 65.5 |
| GE 8000 | 12.2 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 64.8 | 64.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 | 65.5 |
| GE 7000 | 12.2 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 64.8 | 64.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 | 65.5 |
| GE 6000 | 12.5 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 65.5 | 65.5 | 65.5 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.2 | 66.2 |
| GE 5000 | 12.9 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 67.2 | 67.2 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.9 | 67.9 |
| GE 4500 | 12.9 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 67.6 | 67.6 | 67.6 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.3 | 68.3 |
| GE 4000 | 12.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 70.7 | 70.7 | 70.7 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.4 | 71.4 |
| GE 3500 | 12.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 71.4 | 71.4 | 71.4 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 72.1 | 72.1 |
| GE 3000 | 13.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 72.1 | 72.1 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.8 | 72.8 |
| GE 2500 | 13.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 86.4 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 87.1 | 87.1 |
| GE 2000 | 13.2 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 88.5 | 88.5 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.2 | 89.2 |
| GE 1800 | 13.2 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 88.5 | 88.5 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.2 | 89.2 |
| GE 1600 | 13.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 90.2 | 90.2 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.9 | 90.9 |
| GE 1400 | 13.2 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.9 | 96.9 |
| GE 1200 | 13.2 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 96.5 | 96.5 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2 | 97.2 |
| GE 1000 | 13.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 97.2 | 97.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 |
| GE 900 | 13.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 97.2 | 97.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 |
| GE 800 | 13.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| GE 700 | 13.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| GE 600 | 13.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| GE 500 | 13.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| GE 400 | 13.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 300 | 13.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 200 | 13.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 100 | 13.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |
| GE 0 | 13.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | 2 | 1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 5.4 | 39.9 | 39.9 | 39.9 | 39.9 | 42.3 | 42.3 | 42.3 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.6 | 42.7 | 42.7 |
| GE 20000 | 6.3 | 43.6 | 43.6 | 43.6 | 43.6 | 46.2 | 46.2 | 46.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.7 | 46.7 |
| GE 18000 | 6.3 | 43.6 | 43.6 | 43.6 | 43.6 | 46.2 | 46.2 | 46.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.7 | 46.7 |
| GE 16000 | 6.3 | 43.6 | 43.6 | 43.6 | 43.6 | 46.2 | 46.2 | 46.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.7 | 46.7 |
| GE 14000 | 6.3 | 43.6 | 43.6 | 43.6 | 43.6 | 46.2 | 46.2 | 46.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.7 | 46.7 |
| GE 12000 | 6.3 | 43.6 | 43.6 | 43.6 | 43.6 | 46.2 | 46.2 | 46.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.7 | 46.7 |
| GE 10000 | 8.1 | 56.9 | 56.9 | 56.9 | 56.9 | 60.4 | 60.4 | 60.5 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.3 | 61.3 |
| GE 9000 | 8.1 | 56.9 | 56.9 | 56.9 | 56.9 | 60.4 | 60.4 | 60.5 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.3 | 61.3 |
| GE 8000 | 8.1 | 56.9 | 56.9 | 56.9 | 56.9 | 60.4 | 60.4 | 60.5 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.3 | 61.3 |
| GE 7000 | 8.1 | 57.0 | 57.0 | 57.0 | 57.0 | 60.5 | 60.5 | 60.5 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.2 | 61.3 | 61.3 |
| GE 6000 | 8.1 | 57.1 | 57.1 | 57.1 | 57.1 | 60.6 | 60.6 | 60.7 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.3 | 61.4 | 61.4 |
| GE 5000 | 8.4 | 58.5 | 58.5 | 58.5 | 58.5 | 62.2 | 62.2 | 62.3 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 |
| GE 4500 | 8.5 | 58.8 | 58.8 | 58.8 | 58.8 | 62.7 | 62.7 | 62.7 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.4 | 63.5 | 63.5 |
| GE 4000 | 8.9 | 62.0 | 62.0 | 62.0 | 62.0 | 66.2 | 66.2 | 66.2 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.9 | 67.0 | 67.0 |
| GE 3500 | 9.0 | 62.4 | 62.4 | 62.4 | 62.4 | 66.7 | 66.7 | 66.7 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.4 | 67.5 | 67.5 |
| GE 3000 | 9.1 | 63.4 | 63.4 | 63.4 | 63.4 | 67.8 | 67.8 | 67.9 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.5 | 68.6 | 68.6 |
| GE 2500 | 9.4 | 78.1 | 78.1 | 78.1 | 78.1 | 83.5 | 83.5 | 83.6 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.4 | 84.4 |
| GE 2000 | 9.6 | 80.2 | 80.2 | 80.2 | 80.2 | 85.8 | 85.8 | 85.9 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 | 86.7 |
| GE 1800 | 9.6 | 80.7 | 80.7 | 80.7 | 80.7 | 86.3 | 86.3 | 86.5 | 86.9 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.3 | 87.3 |
| GE 1500 | 9.6 | 81.8 | 81.8 | 81.8 | 81.8 | 87.7 | 87.7 | 87.8 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.6 | 88.7 | 88.7 |
| GE 1200 | 9.6 | 87.8 | 87.8 | 87.8 | 87.8 | 95.0 | 95.0 | 95.2 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 |
| GE 1000 | 9.6 | 88.2 | 88.2 | 88.2 | 88.2 | 95.9 | 95.9 | 96.0 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 |
| GE 900 | 9.6 | 88.3 | 88.3 | 88.3 | 88.3 | 96.1 | 96.1 | 96.3 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 |
| GE 800 | 9.6 | 88.3 | 88.3 | 88.3 | 88.3 | 96.5 | 96.5 | 96.7 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 |
| GE 700 | 9.6 | 88.7 | 88.7 | 88.7 | 88.7 | 97.3 | 97.3 | 97.5 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 |
| GE 600 | 9.6 | 88.9 | 88.9 | 88.9 | 88.9 | 97.6 | 97.6 | 97.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 |
| GE 500 | 9.6 | 88.9 | 88.9 | 88.9 | 88.9 | 97.8 | 97.8 | 98.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 |
| GE 400 | 9.6 | 89.1 | 89.1 | 89.1 | 89.1 | 98.1 | 98.1 | 98.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 |
| GE 300 | 9.6 | 89.1 | 89.1 | 89.1 | 89.1 | 98.2 | 98.2 | 98.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 |
| GE 200 | 9.6 | 89.2 | 89.2 | 89.2 | 89.2 | 98.2 | 98.2 | 98.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 |
| GE 100 | 9.6 | 89.2 | 89.2 | 89.2 | 89.2 | 98.2 | 98.2 | 98.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 100.0 | 100.0 |
| GE 0 | 9.6 | 89.2 | 89.2 | 89.2 | 89.2 | 98.3 | 98.3 | 98.5 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2333

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0000-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
0 |
| NO CEIL | .3 | 39.9 | 39.9 | 39.9 | 39.9 | 43.5 | 43.5 | 43.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| GE 20000 | .6 | 41.6 | 41.6 | 41.6 | 41.6 | 45.5 | 45.5 | 45.5 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 18000 | .6 | 41.6 | 41.6 | 41.6 | 41.6 | 45.5 | 45.5 | 45.5 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 16000 | .6 | 41.6 | 41.6 | 41.6 | 41.6 | 45.5 | 45.5 | 45.5 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 14000 | .6 | 41.6 | 41.6 | 41.6 | 41.6 | 45.5 | 45.5 | 45.5 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 12000 | .6 | 41.6 | 41.6 | 41.6 | 41.6 | 45.5 | 45.5 | 45.5 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 10000 | .6 | 55.8 | 55.8 | 55.8 | 55.8 | 64.0 | 64.0 | 64.3 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 9000 | .6 | 55.8 | 55.8 | 55.8 | 55.8 | 64.0 | 64.0 | 64.3 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 8000 | .6 | 55.8 | 55.8 | 55.8 | 55.8 | 64.0 | 64.0 | 64.3 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 7000 | .6 | 55.8 | 55.8 | 55.8 | 55.8 | 64.0 | 64.0 | 64.3 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 6000 | .6 | 56.2 | 56.2 | 56.2 | 56.2 | 64.3 | 64.3 | 64.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| GE 5000 | .6 | 58.8 | 58.8 | 58.8 | 58.8 | 66.9 | 66.9 | 67.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 4500 | .6 | 59.4 | 59.4 | 59.4 | 59.4 | 67.5 | 67.5 | 67.9 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 4000 | .6 | 61.0 | 61.0 | 61.0 | 61.0 | 69.2 | 69.2 | 69.5 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 3500 | .6 | 61.7 | 61.7 | 61.7 | 61.7 | 69.8 | 69.8 | 70.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 3000 | .6 | 62.3 | 62.3 | 62.3 | 62.3 | 71.8 | 71.8 | 72.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 2500 | .6 | 74.7 | 74.7 | 74.7 | 74.7 | 84.7 | 84.7 | 85.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 2000 | .6 | 77.3 | 77.3 | 77.3 | 77.3 | 88.0 | 88.0 | 88.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 1800 | .6 | 77.9 | 77.9 | 77.9 | 77.9 | 88.6 | 88.6 | 89.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 1600 | .6 | 77.9 | 77.9 | 77.9 | 77.9 | 88.6 | 88.6 | 89.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 1400 | .6 | 84.1 | 84.1 | 84.1 | 84.1 | 95.5 | 95.5 | 95.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1200 | .6 | 84.1 | 84.1 | 84.1 | 84.1 | 95.8 | 95.8 | 96.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 1000 | .6 | 84.1 | 84.1 | 84.1 | 84.1 | 95.8 | 95.8 | 96.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 900 | .6 | 84.1 | 84.1 | 84.1 | 84.1 | 96.1 | 96.1 | 96.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 800 | .6 | 84.4 | 84.4 | 84.4 | 84.4 | 96.4 | 96.4 | 96.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 700 | .6 | 84.4 | 84.4 | 84.4 | 84.4 | 96.4 | 96.4 | 96.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | .6 | 84.4 | 84.4 | 84.4 | 84.4 | 96.4 | 96.4 | 96.8 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | .6 | 84.7 | 84.7 | 84.7 | 84.7 | 96.8 | 96.8 | 97.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | .6 | 84.7 | 84.7 | 84.7 | 84.7 | 96.8 | 96.8 | 97.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | .6 | 84.7 | 84.7 | 84.7 | 84.7 | 96.8 | 96.8 | 97.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | .6 | 84.7 | 84.7 | 84.7 | 84.7 | 96.8 | 96.8 | 97.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 100 | .6 | 84.7 | 84.7 | 84.7 | 84.7 | 96.8 | 96.8 | 97.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 0 | .6 | 84.7 | 84.7 | 84.7 | 84.7 | 96.8 | 96.8 | 97.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS: 309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87

MONTH: JUL

HOURS(IST): 0500-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 1 | | 37.0 | 37.3 | 37.3 | 37.3 | 46.2 | 46.2 | 46.2 | 47.5 | 47.5 | 47.5 | 47.5 | 48.2 | 48.5 | 48.5 | 48.5 |
| GE 20000 | 1 | .3 | 38.9 | 39.3 | 39.3 | 39.3 | 46.8 | 48.8 | 48.8 | 50.5 | 50.8 | 50.8 | 50.8 | 51.5 | 51.8 | 51.8 | 51.8 |
| GE 14000 | 1 | .3 | 38.9 | 39.3 | 39.3 | 39.3 | 48.8 | 48.8 | 48.8 | 50.5 | 50.8 | 50.8 | 50.8 | 51.5 | 51.8 | 51.8 | 51.8 |
| GE 16000 | 1 | .3 | 38.9 | 39.3 | 39.3 | 39.3 | 48.8 | 48.8 | 48.8 | 50.5 | 50.8 | 50.8 | 50.8 | 51.5 | 51.8 | 51.8 | 51.8 |
| GE 14000 | 1 | .3 | 38.9 | 39.3 | 39.3 | 39.3 | 48.8 | 48.8 | 48.8 | 50.5 | 50.8 | 50.8 | 50.8 | 51.5 | 51.8 | 51.8 | 51.8 |
| GE 12000 | 1 | .3 | 38.9 | 39.3 | 39.3 | 39.3 | 48.8 | 48.8 | 48.8 | 50.5 | 50.8 | 50.8 | 50.8 | 51.5 | 51.8 | 51.8 | 51.8 |
| GE 10000 | 1 | .3 | 48.8 | 49.2 | 49.2 | 49.2 | 61.4 | 61.4 | 61.7 | 64.0 | 64.4 | 64.4 | 64.4 | 65.0 | 65.3 | 65.3 | 65.3 |
| GE 9000 | 1 | .3 | 48.8 | 49.2 | 49.2 | 49.2 | 61.4 | 61.4 | 61.7 | 64.0 | 64.4 | 64.4 | 64.4 | 65.0 | 65.3 | 65.3 | 65.3 |
| GE 8000 | 1 | .3 | 48.8 | 49.2 | 49.2 | 49.2 | 61.4 | 61.4 | 61.7 | 64.0 | 64.4 | 64.4 | 64.4 | 65.0 | 65.3 | 65.3 | 65.3 |
| GE 7000 | 1 | .3 | 48.8 | 49.2 | 49.2 | 49.2 | 61.4 | 61.4 | 61.7 | 64.0 | 64.4 | 64.4 | 64.4 | 65.0 | 65.3 | 65.3 | 65.3 |
| GE 6000 | 1 | .3 | 48.8 | 49.2 | 49.2 | 49.2 | 61.4 | 61.4 | 61.7 | 64.0 | 64.4 | 64.4 | 64.4 | 65.0 | 65.3 | 65.3 | 65.3 |
| GE 5000 | 1 | .3 | 49.8 | 50.2 | 50.2 | 50.2 | 62.7 | 62.7 | 63.0 | 65.3 | 65.7 | 65.7 | 65.7 | 66.3 | 66.7 | 66.7 | 66.7 |
| GE 4500 | 1 | .3 | 50.5 | 50.8 | 50.8 | 50.8 | 63.7 | 63.7 | 64.0 | 66.3 | 66.7 | 66.7 | 66.7 | 67.3 | 67.7 | 67.7 | 67.7 |
| GE 4000 | 1 | .3 | 52.5 | 52.8 | 52.8 | 52.8 | 65.7 | 65.7 | 66.0 | 68.3 | 68.6 | 68.6 | 68.6 | 69.3 | 69.6 | 69.6 | 69.6 |
| GE 3500 | 1 | .3 | 52.8 | 53.1 | 53.1 | 53.1 | 66.0 | 66.0 | 66.3 | 68.6 | 69.0 | 69.0 | 69.0 | 69.6 | 70.0 | 70.0 | 70.0 |
| GE 3000 | 1 | .3 | 53.5 | 53.8 | 53.8 | 53.8 | 67.0 | 67.0 | 67.3 | 69.6 | 70.0 | 70.0 | 70.0 | 70.6 | 71.0 | 71.0 | 71.0 |
| GE 2500 | 1 | .7 | 66.3 | 66.7 | 66.7 | 66.7 | 80.5 | 80.5 | 80.9 | 83.2 | 83.5 | 83.5 | 83.5 | 84.2 | 84.5 | 84.5 | 84.5 |
| GE 2000 | 1 | .7 | 68.0 | 68.3 | 68.3 | 68.3 | 82.8 | 82.8 | 83.2 | 85.5 | 85.8 | 85.8 | 85.8 | 86.5 | 86.8 | 86.8 | 86.8 |
| GE 1800 | 1 | .7 | 68.3 | 68.6 | 68.6 | 68.6 | 83.2 | 83.2 | 83.5 | 85.8 | 86.1 | 86.1 | 86.1 | 86.8 | 87.1 | 87.1 | 87.1 |
| GE 1500 | 1 | .7 | 69.3 | 69.6 | 69.6 | 69.6 | 84.8 | 84.8 | 85.1 | 87.5 | 87.8 | 87.8 | 87.8 | 88.4 | 88.8 | 88.8 | 88.8 |
| GE 1200 | 1 | .7 | 74.3 | 74.6 | 74.6 | 74.6 | 91.4 | 91.4 | 91.7 | 94.1 | 94.4 | 94.4 | 94.4 | 95.0 | 95.4 | 95.4 | 95.4 |
| GE 1000 | 1 | .7 | 74.6 | 74.9 | 74.9 | 74.9 | 92.4 | 92.4 | 92.7 | 95.0 | 95.4 | 95.4 | 95.4 | 96.0 | 96.4 | 96.4 | 96.4 |
| GE 900 | 1 | .7 | 74.6 | 74.9 | 74.9 | 74.9 | 92.4 | 92.4 | 92.7 | 95.0 | 95.4 | 95.4 | 95.4 | 96.0 | 96.4 | 96.4 | 96.4 |
| GE 800 | 1 | .7 | 74.6 | 74.9 | 74.9 | 74.9 | 92.4 | 92.4 | 92.7 | 95.0 | 95.4 | 95.4 | 95.4 | 96.0 | 96.4 | 96.4 | 96.4 |
| GE 700 | 1 | .7 | 74.9 | 75.2 | 75.2 | 75.2 | 93.7 | 93.7 | 94.1 | 96.4 | 96.7 | 96.7 | 96.7 | 97.4 | 97.7 | 97.7 | 97.7 |
| GE 600 | 1 | .7 | 75.2 | 75.6 | 75.6 | 75.6 | 94.1 | 94.1 | 94.4 | 96.7 | 97.0 | 97.0 | 97.0 | 97.7 | 98.0 | 98.0 | 98.0 |
| GE 500 | 1 | .7 | 75.6 | 75.9 | 75.9 | 75.9 | 94.4 | 94.4 | 94.7 | 97.0 | 97.4 | 97.4 | 97.4 | 98.0 | 98.7 | 99.0 | 99.0 |
| GE 400 | 1 | .7 | 76.2 | 76.6 | 76.6 | 76.6 | 95.0 | 95.0 | 95.4 | 97.7 | 98.0 | 98.0 | 98.0 | 98.7 | 99.3 | 99.7 | 99.7 |
| GE 300 | 1 | .7 | 76.2 | 76.6 | 76.6 | 76.6 | 95.0 | 95.0 | 95.4 | 97.7 | 98.0 | 98.0 | 98.0 | 98.7 | 99.3 | 99.7 | 99.7 |
| GE 200 | 1 | .7 | 76.2 | 76.6 | 76.6 | 76.6 | 95.4 | 95.4 | 95.7 | 98.0 | 98.3 | 98.3 | 98.3 | 99.0 | 99.7 | 100.0 | 100.0 |
| GE 100 | 1 | .7 | 76.2 | 76.6 | 76.6 | 76.6 | 95.4 | 95.4 | 95.7 | 98.0 | 98.3 | 98.3 | 98.3 | 99.0 | 99.7 | 100.0 | 100.0 |
| GE 0 | 1 | .7 | 76.2 | 76.6 | 76.6 | 76.6 | 95.4 | 95.4 | 95.7 | 98.0 | 98.3 | 98.3 | 98.3 | 99.0 | 99.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7A-R7
MONTH: JUL HOURS(EST): 0600-0600

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|
| | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 4/16 | 1/4 |
| NO CEIL | .7 | 37.7 | 30.7 | 30.7 | 30.7 | 38.0 | 38.3 | 38.3 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 39.0 | 39.0 | 40.0 |
| GE 20000 | .7 | 32.3 | 32.3 | 32.3 | 32.3 | 40.3 | 40.7 | 40.7 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.3 | 41.3 | 42.3 |
| GE 18000 | .7 | 32.3 | 32.3 | 32.3 | 32.3 | 40.3 | 40.7 | 40.7 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.3 | 41.3 | 42.3 |
| GE 16000 | .7 | 32.3 | 32.3 | 32.3 | 32.3 | 40.3 | 40.7 | 40.7 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.3 | 41.3 | 42.3 |
| GE 14000 | .7 | 32.3 | 32.3 | 32.3 | 32.3 | 40.3 | 40.7 | 40.7 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.3 | 41.3 | 42.3 |
| GE 12000 | .7 | 32.3 | 32.3 | 32.3 | 32.3 | 40.3 | 40.7 | 40.7 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.3 | 41.3 | 42.3 |
| GE 10000 | 1.0 | 41.3 | 41.3 | 41.3 | 41.3 | 54.3 | 54.7 | 54.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.0 | 57.0 | 58.0 |
| GE 9000 | 1.0 | 41.3 | 41.3 | 41.3 | 41.3 | 54.3 | 54.7 | 54.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.0 | 57.0 | 58.0 |
| GE 8000 | 1.0 | 41.3 | 41.3 | 41.3 | 41.3 | 54.3 | 54.7 | 54.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.0 | 57.0 | 58.0 |
| GE 7000 | 1.0 | 41.3 | 41.3 | 41.3 | 41.3 | 54.3 | 54.7 | 54.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.0 | 57.0 | 58.0 |
| GE 6000 | 1.0 | 41.3 | 41.3 | 41.3 | 41.3 | 54.3 | 54.7 | 54.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.0 | 57.0 | 58.0 |
| GE 5000 | 1.0 | 41.7 | 41.7 | 41.7 | 41.7 | 55.0 | 55.3 | 55.3 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 59.0 | 59.0 | 59.0 |
| GE 4500 | 1.0 | 41.7 | 41.7 | 41.7 | 41.7 | 55.0 | 55.3 | 55.3 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 59.0 | 59.0 | 59.0 |
| GE 4000 | 1.0 | 45.3 | 45.3 | 45.3 | 45.3 | 59.0 | 59.3 | 59.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.3 | 62.3 | 63.0 |
| GE 3500 | 1.0 | 45.3 | 45.3 | 45.3 | 45.3 | 59.0 | 59.7 | 59.7 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.7 | 62.7 | 63.7 |
| GE 3000 | 1.0 | 46.7 | 46.7 | 46.7 | 46.7 | 60.7 | 61.3 | 61.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.3 | 64.3 | 65.3 |
| GE 2500 | 1.0 | 62.0 | 62.0 | 62.0 | 62.0 | 77.7 | 78.3 | 78.3 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.3 | 81.3 | 82.3 |
| GE 2000 | 1.3 | 63.3 | 63.3 | 63.3 | 63.3 | 79.0 | 79.7 | 79.7 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.7 | 82.7 | 83.7 |
| GE 1800 | 1.3 | 63.7 | 63.7 | 63.7 | 63.7 | 79.7 | 80.3 | 80.3 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.3 | 83.3 | 84.3 |
| GE 1600 | 1.3 | 65.3 | 65.3 | 65.3 | 65.3 | 81.7 | 82.3 | 82.3 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.3 | 85.3 | 86.3 |
| GE 1400 | 1.3 | 69.7 | 69.7 | 69.7 | 69.7 | 87.7 | 88.3 | 88.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 | 92.3 |
| GE 1000 | 1.3 | 70.3 | 70.3 | 70.3 | 70.3 | 89.0 | 89.7 | 89.7 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 93.0 | 93.0 | 94.0 |
| GE 900 | 1.3 | 70.7 | 70.7 | 70.7 | 70.7 | 89.7 | 90.3 | 90.3 | 92.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.0 | 94.0 | 95.0 |
| GE 800 | 1.3 | 70.7 | 70.7 | 70.7 | 70.7 | 90.0 | 90.7 | 90.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.3 | 94.3 | 95.3 |
| GE 700 | 1.3 | 71.3 | 71.3 | 71.3 | 71.3 | 90.7 | 91.3 | 91.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.0 | 95.0 | 96.0 |
| GE 600 | 1.3 | 72.0 | 72.0 | 72.0 | 72.0 | 91.3 | 92.0 | 92.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.7 | 95.7 | 96.7 |
| GE 500 | 1.3 | 72.0 | 72.0 | 72.0 | 72.0 | 92.0 | 92.7 | 93.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 97.3 |
| GE 400 | 1.3 | 72.3 | 72.3 | 72.3 | 72.3 | 93.3 | 94.0 | 94.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 98.0 |
| GE 300 | 1.3 | 72.3 | 72.3 | 72.3 | 72.3 | 93.3 | 94.0 | 94.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 98.3 |
| GE 200 | 1.3 | 72.3 | 72.3 | 72.3 | 72.3 | 93.3 | 94.0 | 94.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 98.7 |
| GE 100 | 1.3 | 72.3 | 72.3 | 72.3 | 72.3 | 93.3 | 94.0 | 94.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.7 | 98.0 | 99.0 |
| GE | 71 | 1.3 | 72.3 | 72.3 | 72.3 | 93.3 | 94.0 | 94.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.7 | 98.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0900-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 2.4 | 37.4 | 37.4 | 37.4 | 37.4 | 39.4 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| GE 20000 | 2.7 | 41.4 | 41.4 | 41.4 | 41.4 | 43.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 18000 | 2.7 | 41.4 | 41.4 | 41.4 | 41.4 | 43.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 16000 | 2.7 | 41.4 | 41.4 | 41.4 | 41.4 | 43.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 14000 | 2.7 | 41.4 | 41.4 | 41.4 | 41.4 | 43.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 12000 | 2.7 | 41.4 | 41.4 | 41.4 | 41.4 | 43.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| GE 10000 | 4.0 | 53.2 | 53.2 | 53.2 | 53.2 | 59.6 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 9000 | 4.0 | 53.2 | 53.2 | 53.2 | 53.2 | 59.6 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 8000 | 4.0 | 53.2 | 53.2 | 53.2 | 53.2 | 59.6 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 7000 | 4.0 | 53.2 | 53.2 | 53.2 | 53.2 | 59.6 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 6000 | 4.0 | 53.2 | 53.2 | 53.2 | 53.2 | 59.6 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 5000 | 4.0 | 54.2 | 54.2 | 54.2 | 54.2 | 60.6 | 60.9 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 4500 | 4.0 | 54.5 | 54.5 | 54.5 | 54.5 | 60.9 | 61.3 | 61.3 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 4000 | 4.0 | 57.6 | 57.6 | 57.6 | 57.6 | 64.0 | 64.3 | 64.3 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 3500 | 4.0 | 57.6 | 57.6 | 57.6 | 57.6 | 64.0 | 64.3 | 64.3 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 3000 | 4.0 | 58.9 | 58.9 | 58.9 | 58.9 | 65.3 | 65.7 | 65.7 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 2500 | 4.0 | 70.4 | 70.4 | 70.4 | 70.4 | 77.4 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 2000 | 4.7 | 74.4 | 74.4 | 74.4 | 74.4 | 81.5 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 1800 | 5.1 | 76.1 | 76.1 | 76.1 | 76.1 | 83.5 | 83.8 | 83.8 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 1500 | 5.1 | 77.8 | 77.8 | 77.8 | 77.8 | 87.2 | 87.5 | 87.5 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 1200 | 5.1 | 82.8 | 82.8 | 82.8 | 82.8 | 93.6 | 93.9 | 93.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 1000 | 5.1 | 83.5 | 83.5 | 83.5 | 83.5 | 95.6 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 900 | 5.1 | 83.8 | 83.8 | 83.8 | 83.8 | 96.6 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 5.1 | 83.8 | 83.8 | 83.8 | 83.8 | 96.6 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 700 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 97.6 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 600 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.0 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 500 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 5.1 | 84.5 | 84.5 | 84.5 | 84.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 73-87
MONTH: JUL HOURS(EST): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | 2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
0 | |
| NO CEIL | 6.0 | 36.0 | 36.0 | 36.0 | 36.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | |
| GE 20000 | 6.7 | 39.7 | 39.7 | 39.7 | 39.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | |
| GE 18000 | 6.7 | 39.7 | 39.7 | 39.7 | 39.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | |
| GE 16000 | 6.7 | 39.7 | 39.7 | 39.7 | 39.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | |
| GE 14000 | 6.7 | 39.7 | 39.7 | 39.7 | 39.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | |
| GE 12000 | 6.7 | 39.7 | 39.7 | 39.7 | 39.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | |
| GE 10000 | 7.7 | 50.3 | 50.3 | 50.3 | 50.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | |
| GE 9000 | 7.7 | 50.3 | 50.3 | 50.3 | 50.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | |
| GE 8000 | 7.7 | 50.3 | 50.3 | 50.3 | 50.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | |
| GE 7000 | 7.7 | 50.3 | 50.3 | 50.3 | 50.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | |
| GE 6000 | 7.7 | 50.3 | 50.3 | 50.3 | 50.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | |
| GE 5000 | 8.0 | 50.7 | 50.7 | 50.7 | 50.7 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | |
| GE 4500 | 8.0 | 50.7 | 50.7 | 50.7 | 50.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | |
| GE 4000 | 8.7 | 55.7 | 55.7 | 55.7 | 55.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | |
| GE 3500 | 9.0 | 56.3 | 56.3 | 56.3 | 56.3 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | |
| GE 3000 | 10.0 | 61.3 | 61.3 | 61.3 | 61.3 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | |
| GE 2500 | 10.0 | 78.7 | 78.7 | 78.7 | 78.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | |
| GE 2000 | 10.3 | 82.7 | 82.7 | 82.7 | 82.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | |
| GE 1800 | 10.3 | 84.0 | 84.0 | 84.0 | 84.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | |
| GE 1600 | 10.3 | 86.7 | 86.7 | 86.7 | 86.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | |
| GE 1200 | 10.3 | 91.3 | 91.3 | 91.3 | 91.3 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | |
| GE 1000 | 10.7 | 92.0 | 92.0 | 92.0 | 92.0 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | |
| GE 900 | 10.3 | 92.0 | 92.0 | 92.0 | 92.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | |
| GE 800 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | |
| GE 700 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE 600 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 500 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 400 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 300 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 200 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 100 | 10.3 | 92.3 | 92.3 | 92.3 | 92.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 28-87
MONTH: 001 HOURS (GMT): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
1/16 | GE
1/8 |
| NO CEIL | 5.9 | 30.3 | 30.3 | 30.3 | 30.3 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 |
| GE 20000 | 6.9 | 33.2 | 33.2 | 33.2 | 33.2 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| GE 18000 | 6.9 | 33.2 | 33.2 | 33.2 | 33.2 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| GE 16000 | 6.9 | 33.2 | 33.2 | 33.2 | 33.2 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| GE 14000 | 6.9 | 33.2 | 33.2 | 33.2 | 33.2 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| GE 12000 | 6.9 | 33.2 | 33.2 | 33.2 | 33.2 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| GE 10000 | 8.6 | 46.7 | 46.7 | 46.7 | 46.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 9000 | 8.6 | 46.7 | 46.7 | 46.7 | 46.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 8000 | 8.6 | 46.7 | 46.7 | 46.7 | 46.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 7000 | 8.6 | 46.7 | 46.7 | 46.7 | 46.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 6000 | 8.6 | 46.7 | 46.7 | 46.7 | 46.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 5000 | 9.5 | 49.3 | 49.3 | 49.3 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| GE 4000 | 9.5 | 50.7 | 50.7 | 50.7 | 50.7 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| GE 3500 | 10.2 | 56.3 | 56.3 | 56.3 | 56.3 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 3000 | 10.2 | 57.9 | 57.9 | 57.9 | 57.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| GE 2500 | 11.2 | 61.5 | 61.5 | 61.5 | 61.5 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 2000 | 11.5 | 83.6 | 83.6 | 83.6 | 83.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 1800 | 11.5 | 87.8 | 87.8 | 87.8 | 87.8 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 1600 | 11.8 | 89.5 | 89.5 | 89.5 | 89.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1400 | 11.8 | 89.5 | 89.5 | 89.5 | 89.5 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 1200 | 11.8 | 95.4 | 95.4 | 95.4 | 95.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1000 | 11.8 | 95.4 | 95.4 | 95.4 | 95.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 900 | 11.8 | 95.4 | 95.4 | 95.4 | 95.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 800 | 11.8 | 95.4 | 95.4 | 95.4 | 95.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 700 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 100 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 0 | 11.8 | 95.7 | 95.7 | 95.7 | 95.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad (USSR)

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1800-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
4/16 | GE
1/4 | GE
1/8 |
| NO CEIL | 7.0 | 35.6 | 38.8 | 38.6 | 38.8 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| GE 20000 | 8.0 | 42.6 | 42.8 | 42.8 | 42.8 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 18000 | 8.0 | 42.6 | 42.8 | 42.8 | 42.8 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 16000 | 8.0 | 42.6 | 42.8 | 42.8 | 42.8 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 14000 | 8.0 | 42.6 | 42.8 | 42.8 | 42.8 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 12000 | 8.0 | 42.6 | 42.8 | 43.1 | 43.1 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| GE 10000 | 11.4 | 57.5 | 57.5 | 57.9 | 57.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 9000 | 11.4 | 57.5 | 57.5 | 57.9 | 57.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 8000 | 11.4 | 57.5 | 57.5 | 57.9 | 57.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 7000 | 11.4 | 57.5 | 57.5 | 57.9 | 57.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 6000 | 11.4 | 57.5 | 57.5 | 57.9 | 57.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 5000 | 12.0 | 58.2 | 58.2 | 58.5 | 58.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| GE 4500 | 12.0 | 58.2 | 58.2 | 58.5 | 58.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| GE 4000 | 12.4 | 63.5 | 63.5 | 63.9 | 63.9 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 3500 | 13.0 | 64.5 | 64.5 | 64.9 | 64.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 3000 | 13.4 | 66.9 | 66.9 | 67.2 | 67.2 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| GE 2500 | 14.0 | 87.3 | 87.3 | 87.6 | 87.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 2000 | 14.0 | 87.6 | 87.6 | 90.0 | 90.0 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 1800 | 14.0 | 90.3 | 90.3 | 90.6 | 90.6 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 1600 | 14.0 | 91.0 | 91.0 | 91.3 | 91.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 1400 | 14.0 | 94.6 | 94.6 | 95.0 | 95.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 1200 | 14.0 | 94.6 | 94.6 | 95.0 | 95.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 14.0 | 94.6 | 94.6 | 95.0 | 95.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 14.0 | 94.6 | 94.6 | 95.0 | 95.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 14.0 | 95.0 | 95.0 | 95.3 | 95.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 256

AD-A190 357

LENINGRAD USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (L/50C) PARTS A-FIU) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
USAFETAC/DS-88/882

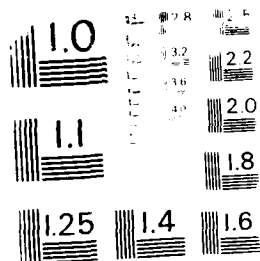
3/3

UNCLASSIFIED

F/C 4/2

NL

END
DATE
7 88
DTH



Resolution Test Chart
1.0 1.1 1.25 1.4 1.6 1.8 2.0 2.2 3.2 3.6 4.0

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(EST): 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 6.0 | 45.0 | 45.0 | 45.3 | 45.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| GE 20000 | 7.3 | 49.0 | 49.0 | 49.3 | 49.3 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 51.0 | 51.0 | 51.0 | 51.0 |
| GE 18000 | 7.3 | 49.3 | 49.3 | 49.7 | 49.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.3 | 51.3 | 51.3 | 51.3 |
| GE 16000 | 7.3 | 49.3 | 49.3 | 49.7 | 49.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.3 | 51.3 | 51.3 | 51.3 |
| GE 14000 | 7.3 | 49.3 | 49.3 | 49.7 | 49.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.3 | 51.3 | 51.3 | 51.3 |
| GE 12000 | 7.3 | 49.3 | 49.3 | 49.7 | 49.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.3 | 51.3 | 51.3 | 51.3 |
| GE 10000 | 9.0 | 67.0 | 67.0 | 67.3 | 67.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 9000 | 9.0 | 67.0 | 67.0 | 67.3 | 67.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 8000 | 9.0 | 67.0 | 67.0 | 67.3 | 67.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 7000 | 9.0 | 67.0 | 67.0 | 67.3 | 67.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 6000 | 9.0 | 67.0 | 67.0 | 67.3 | 67.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 5000 | 9.3 | 68.0 | 68.0 | 68.3 | 68.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 4500 | 9.3 | 68.3 | 68.3 | 68.7 | 68.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 73.0 | 73.0 | 73.0 | 73.0 |
| GE 4000 | 9.3 | 70.7 | 70.7 | 71.0 | 71.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 3500 | 9.3 | 70.7 | 70.7 | 71.0 | 71.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 3000 | 9.3 | 71.3 | 71.3 | 71.7 | 71.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 |
| GE 2500 | 9.3 | 81.3 | 81.3 | 81.7 | 81.7 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 2000 | 9.3 | 85.0 | 85.0 | 85.3 | 85.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1800 | 9.3 | 85.0 | 85.0 | 85.3 | 85.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1500 | 9.7 | 95.3 | 95.3 | 95.7 | 95.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 1200 | 9.7 | 91.0 | 91.0 | 91.3 | 91.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 1000 | 9.7 | 91.3 | 91.3 | 91.7 | 91.7 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 900 | 9.7 | 91.3 | 91.3 | 91.7 | 91.7 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 800 | 9.7 | 91.3 | 91.3 | 91.7 | 91.7 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 700 | 9.7 | 91.3 | 91.3 | 91.7 | 91.7 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | 9.7 | 91.7 | 91.7 | 92.0 | 92.0 | 98.7 | 98.7 | 98.7 | 99.0 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 9.7 | 91.7 | 91.7 | 92.0 | 92.0 | 98.7 | 98.7 | 98.7 | 99.0 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 9.7 | 91.7 | 91.7 | 92.0 | 92.0 | 98.7 | 98.7 | 98.7 | 99.0 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | 9.7 | 91.7 | 91.7 | 92.0 | 92.0 | 98.7 | 98.7 | 98.7 | 99.0 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 10.0 | 92.0 | 92.0 | 92.3 | 92.3 | 99.0 | 99.0 | 99.0 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 10.0 | 92.0 | 92.0 | 92.3 | 92.3 | 99.0 | 99.0 | 99.0 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 10.0 | 92.0 | 92.0 | 92.3 | 92.3 | 99.0 | 99.0 | 99.0 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS/15: ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 3.5 | 36.9 | 36.9 | 37.0 | 37.0 | 40.1 | 40.1 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.6 | 40.6 | 40.7 | 40.8 |
| GE 20000 | 4.1 | 39.9 | 39.9 | 39.9 | 39.9 | 43.3 | 43.4 | 43.4 | 43.8 | 43.8 | 43.8 | 43.8 | 44.0 | 44.0 | 44.1 | 44.2 |
| GE 18000 | 4.1 | 39.9 | 39.9 | 40.0 | 40.0 | 43.4 | 43.5 | 43.5 | 43.8 | 43.9 | 43.9 | 43.9 | 44.0 | 44.1 | 44.2 | 44.2 |
| GE 16000 | 4.1 | 39.9 | 39.9 | 40.0 | 40.0 | 43.4 | 43.5 | 43.5 | 43.8 | 43.9 | 43.9 | 43.9 | 44.0 | 44.1 | 44.2 | 44.2 |
| GE 14000 | 4.1 | 39.9 | 39.9 | 40.0 | 40.0 | 43.4 | 43.5 | 43.5 | 43.8 | 43.9 | 43.9 | 43.9 | 44.0 | 44.1 | 44.2 | 44.2 |
| GE 12000 | 4.1 | 39.9 | 39.9 | 40.0 | 40.0 | 43.4 | 43.5 | 43.5 | 43.9 | 43.9 | 43.9 | 43.9 | 44.1 | 44.1 | 44.2 | 44.3 |
| GE 10000 | 5.3 | 52.6 | 52.6 | 52.7 | 52.7 | 58.7 | 58.8 | 58.9 | 59.7 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 | 60.0 | 60.1 |
| GE 9000 | 5.3 | 52.6 | 52.6 | 52.7 | 52.7 | 58.7 | 58.8 | 58.9 | 59.7 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 | 60.0 | 60.1 |
| GE 8000 | 5.3 | 52.6 | 52.6 | 52.7 | 52.7 | 58.7 | 58.8 | 58.9 | 59.7 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 | 60.0 | 60.1 |
| GE 7000 | 5.3 | 52.6 | 52.6 | 52.7 | 52.7 | 58.7 | 58.8 | 58.9 | 59.7 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 | 60.0 | 60.1 |
| GE 6000 | 5.3 | 52.6 | 52.7 | 52.8 | 52.8 | 58.7 | 58.8 | 58.9 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 60.0 | 60.1 | 60.1 |
| GE 5000 | 5.6 | 53.8 | 53.9 | 54.0 | 54.0 | 60.1 | 60.1 | 60.2 | 61.1 | 61.1 | 61.1 | 61.1 | 61.3 | 61.3 | 61.4 | 61.5 |
| GE 4500 | 5.6 | 54.3 | 54.4 | 54.5 | 54.5 | 60.7 | 60.8 | 60.8 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 62.0 | 62.0 | 62.1 |
| GE 4000 | 5.8 | 57.8 | 57.9 | 57.9 | 57.9 | 64.3 | 64.4 | 64.5 | 65.4 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.7 | 65.7 |
| GE 3500 | 5.9 | 58.4 | 58.4 | 58.5 | 58.5 | 64.8 | 65.0 | 65.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.2 | 66.2 | 66.3 | 66.4 |
| GE 3000 | 6.2 | 60.3 | 60.3 | 60.4 | 60.4 | 67.1 | 67.2 | 67.3 | 68.2 | 68.3 | 68.3 | 68.3 | 68.4 | 68.5 | 68.6 | 68.6 |
| GE 2500 | 6.4 | 75.8 | 75.8 | 75.9 | 75.9 | 83.1 | 83.2 | 83.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.6 | 84.7 |
| GE 2000 | 6.6 | 78.5 | 78.6 | 78.6 | 78.6 | 86.1 | 86.3 | 86.4 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 | 87.6 | 87.6 | 87.7 |
| GE 1800 | 6.6 | 79.3 | 79.3 | 79.4 | 79.4 | 87.0 | 87.1 | 87.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.5 | 88.6 |
| GE 1600 | 6.7 | 80.3 | 80.4 | 80.5 | 80.5 | 88.7 | 88.8 | 88.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.1 | 90.1 | 90.2 | 90.3 |
| GE 1400 | 6.7 | 85.4 | 85.4 | 85.5 | 85.5 | 95.1 | 95.2 | 95.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.5 | 96.6 | 96.6 | 96.7 |
| GE 1200 | 6.7 | 85.7 | 85.8 | 85.9 | 85.9 | 95.9 | 96.1 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 |
| GE 1000 | 6.7 | 85.8 | 85.9 | 85.9 | 85.9 | 96.2 | 96.4 | 96.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 | 98.0 |
| GE 900 | 6.7 | 85.9 | 85.9 | 86.0 | 86.0 | 96.5 | 96.6 | 96.7 | 97.8 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 |
| GE 800 | 6.7 | 86.2 | 86.2 | 86.3 | 86.3 | 97.0 | 97.1 | 97.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 |
| GE 700 | 6.7 | 86.4 | 86.4 | 86.5 | 86.5 | 97.2 | 97.3 | 97.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 |
| GE 600 | 6.7 | 86.4 | 86.5 | 86.6 | 86.6 | 97.4 | 97.6 | 97.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| GE 500 | 6.7 | 86.6 | 86.6 | 86.7 | 86.7 | 97.7 | 97.8 | 97.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 400 | 6.7 | 86.6 | 86.6 | 86.7 | 86.7 | 97.7 | 97.8 | 97.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 300 | 6.7 | 86.6 | 86.6 | 86.7 | 86.7 | 97.8 | 97.9 | 98.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |
| GE 200 | 6.7 | 86.6 | 86.6 | 86.7 | 86.7 | 97.8 | 97.9 | 98.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |
| GE 100 | 6.7 | 86.6 | 86.6 | 86.7 | 86.7 | 97.8 | 97.9 | 98.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |
| GE 0 | 6.7 | 96.6 | 86.6 | 86.7 | 86.7 | 97.8 | 97.9 | 98.0 | 99.2 | 99.3 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(EST): 0700-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | 2 | 1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | | 41.5 | 41.5 | 41.9 | 41.9 | 47.2 | | 47.2 | 47.5 | 50.2 | 50.5 | 51.5 | 51.7 | 51.8 | 52.2 | 52.2 |
| GE 20000 | | 42.5 | 42.5 | 42.9 | 42.9 | 48.2 | | 48.2 | 48.5 | 51.2 | 51.5 | 51.5 | 52.2 | 52.8 | 53.2 | 53.2 |
| GE 18000 | | 42.5 | 42.5 | 42.9 | 42.9 | 48.2 | | 48.2 | 48.5 | 51.2 | 51.5 | 51.5 | 52.2 | 52.8 | 53.2 | 53.2 |
| GE 16000 | | 42.5 | 42.5 | 42.9 | 42.9 | 48.2 | | 48.2 | 48.5 | 51.2 | 51.5 | 51.5 | 52.2 | 52.8 | 53.2 | 53.2 |
| GE 14000 | | 42.5 | 42.5 | 42.9 | 42.9 | 48.2 | | 48.2 | 48.5 | 51.2 | 51.5 | 51.5 | 52.2 | 52.8 | 53.2 | 53.2 |
| GE 12000 | | 42.5 | 42.5 | 42.9 | 42.9 | 48.2 | | 48.2 | 48.5 | 51.2 | 51.5 | 51.5 | 52.2 | 52.8 | 53.2 | 53.2 |
| GE 10000 | | 54.5 | 54.5 | 54.8 | 54.8 | 64.5 | | 64.5 | 64.8 | 67.8 | 68.1 | 68.1 | 68.8 | 69.4 | 69.8 | 70.1 |
| GE 9000 | | 54.5 | 54.5 | 54.8 | 54.8 | 64.5 | | 64.5 | 64.8 | 67.8 | 68.1 | 68.1 | 68.8 | 69.4 | 69.8 | 70.1 |
| GE 8000 | | 54.5 | 54.5 | 54.8 | 54.8 | 64.5 | | 64.5 | 64.8 | 67.8 | 68.1 | 68.1 | 68.8 | 69.4 | 69.8 | 70.1 |
| GE 7000 | | 54.5 | 54.5 | 54.8 | 54.8 | 64.5 | | 64.5 | 64.8 | 67.8 | 68.1 | 68.1 | 68.8 | 69.4 | 69.8 | 70.1 |
| GE 6000 | | 54.8 | 54.8 | 55.1 | 55.1 | 64.8 | | 64.8 | 65.1 | 68.1 | 68.4 | 68.4 | 69.1 | 69.8 | 70.1 | 70.4 |
| GE 5000 | | 56.1 | 56.1 | 56.5 | 56.5 | 66.4 | | 66.4 | 66.8 | 69.8 | 70.1 | 70.1 | 70.8 | 71.4 | 71.8 | 71.8 |
| GE 4500 | | 56.8 | 56.8 | 57.1 | 57.1 | 67.1 | | 67.1 | 67.4 | 70.4 | 70.8 | 71.8 | 71.4 | 72.1 | 72.4 | 72.8 |
| GE 4000 | | 58.8 | 58.8 | 59.1 | 59.1 | 69.4 | | 69.4 | 69.8 | 72.8 | 73.1 | 73.1 | 73.8 | 74.4 | 74.8 | 75.1 |
| GE 3500 | | 58.8 | 58.8 | 59.1 | 59.1 | 69.8 | | 69.8 | 70.1 | 73.1 | 73.4 | 73.4 | 74.1 | 74.8 | 75.1 | 75.4 |
| GE 3000 | | 59.8 | 59.8 | 60.1 | 60.1 | 70.8 | | 70.8 | 71.1 | 74.1 | 74.4 | 74.4 | 75.1 | 75.7 | 76.1 | 76.4 |
| GE 2500 | | 70.1 | 70.1 | 70.4 | 70.4 | 81.4 | | 81.4 | 81.7 | 85.0 | 85.4 | 85.4 | 86.0 | 86.7 | 87.0 | 87.4 |
| GE 2000 | | 71.8 | 71.8 | 72.1 | 72.1 | 83.1 | | 83.1 | 83.4 | 86.7 | 87.0 | 87.7 | 87.7 | 88.4 | 88.7 | 89.0 |
| GE 1800 | | 72.1 | 72.1 | 72.4 | 72.4 | 83.4 | | 83.4 | 83.7 | 87.0 | 87.4 | 87.4 | 88.0 | 88.7 | 89.0 | 89.4 |
| GE 1500 | | 72.4 | 72.4 | 72.8 | 72.8 | 83.7 | | 83.7 | 84.1 | 87.4 | 87.7 | 87.7 | 88.4 | 89.0 | 89.4 | 89.7 |
| GE 1200 | | 77.4 | 77.4 | 77.7 | 77.7 | 90.4 | | 90.4 | 90.7 | 94.0 | 94.4 | 94.4 | 95.3 | 96.0 | 96.3 | 96.7 |
| GE 1000 | | 77.4 | 77.4 | 77.7 | 77.7 | 91.7 | | 91.7 | 92.0 | 95.7 | 96.0 | 96.0 | 96.7 | 97.0 | 97.7 | 98.0 |
| GE 900 | | 77.4 | 77.4 | 77.7 | 77.7 | 92.0 | | 92.0 | 92.4 | 96.0 | 96.3 | 96.3 | 97.3 | 98.0 | 98.3 | 98.7 |
| GE 800 | | 77.4 | 77.4 | 77.7 | 77.7 | 92.4 | | 92.4 | 92.7 | 96.3 | 96.7 | 96.7 | 97.7 | 98.3 | 98.7 | 99.0 |
| GE 700 | | 77.7 | 77.7 | 78.1 | 78.1 | 92.7 | | 92.7 | 93.0 | 96.7 | 97.0 | 97.0 | 98.0 | 98.7 | 99.0 | 99.3 |
| GE 600 | | 77.7 | 77.7 | 78.1 | 78.1 | 92.7 | | 92.7 | 93.0 | 96.7 | 97.0 | 97.0 | 98.0 | 98.7 | 99.0 | 99.3 |
| GE 500 | | 77.7 | 77.7 | 78.1 | 78.1 | 92.7 | | 92.7 | 93.0 | 96.7 | 97.0 | 97.0 | 98.0 | 98.7 | 99.0 | 99.3 |
| GE 400 | | 78.1 | 78.1 | 78.4 | 78.4 | 93.0 | | 93.0 | 93.4 | 97.0 | 97.3 | 97.3 | 98.3 | 99.0 | 99.3 | 99.7 |
| GE 300 | | 78.1 | 78.1 | 78.4 | 78.4 | 93.0 | | 93.0 | 93.4 | 97.0 | 97.3 | 97.3 | 98.3 | 99.0 | 99.3 | 99.7 |
| GE 200 | | 78.1 | 78.1 | 78.4 | 78.4 | 93.0 | | 93.0 | 93.4 | 97.0 | 97.3 | 97.3 | 98.3 | 99.0 | 99.3 | 99.7 |
| GE 100 | | 78.1 | 78.1 | 78.4 | 78.4 | 93.0 | | 93.0 | 93.4 | 97.0 | 97.3 | 97.3 | 98.3 | 99.0 | 99.3 | 100.0 |
| GE 01 | | 78.1 | 78.1 | 78.4 | 78.4 | 93.0 | | 93.0 | 93.4 | 97.0 | 97.3 | 97.3 | 98.3 | 99.0 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-67
MONTH: AUG HOURS(IST): 0300-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | | 39.9 | 39.9 | 39.9 | 39.9 | 46.8 | 46.8 | 46.8 | 48.8 | 50.2 | 50.2 | 51.2 | 51.2 | 51.2 | 51.8 | 51.8 |
| GE 20000 | | 40.2 | 40.2 | 40.2 | 40.2 | 47.8 | 47.8 | 47.8 | 49.8 | 51.2 | 51.2 | 52.2 | 52.2 | 52.2 | 52.8 | 52.8 |
| GE 18000 | | 40.2 | 40.2 | 40.2 | 40.2 | 47.8 | 47.8 | 47.8 | 49.8 | 51.2 | 51.2 | 52.2 | 52.2 | 52.2 | 52.8 | 52.8 |
| GE 16000 | | 40.2 | 40.2 | 40.2 | 40.2 | 47.8 | 47.8 | 47.8 | 49.8 | 51.2 | 51.2 | 52.2 | 52.2 | 52.2 | 52.8 | 52.8 |
| GE 14000 | | 40.2 | 40.2 | 40.2 | 40.2 | 47.8 | 47.8 | 47.8 | 49.8 | 51.2 | 51.2 | 52.2 | 52.2 | 52.2 | 52.8 | 52.8 |
| GE 12000 | | 40.2 | 40.2 | 40.2 | 40.2 | 47.8 | 47.8 | 47.8 | 49.8 | 51.2 | 51.2 | 52.2 | 52.2 | 52.2 | 52.8 | 52.8 |
| GE 10000 | | 48.2 | 48.2 | 48.2 | 48.2 | 59.1 | 59.1 | 59.1 | 61.8 | 63.5 | 63.5 | 64.5 | 64.5 | 64.8 | 65.4 | 65.4 |
| GE 9000 | | 48.2 | 48.2 | 48.2 | 48.2 | 59.1 | 59.1 | 59.1 | 61.8 | 63.5 | 63.5 | 64.5 | 64.5 | 64.8 | 65.4 | 65.4 |
| GE 8000 | | 48.2 | 48.2 | 48.2 | 48.2 | 59.1 | 59.1 | 59.1 | 61.8 | 63.5 | 63.5 | 64.5 | 64.5 | 64.8 | 65.4 | 65.4 |
| GE 7000 | | 48.2 | 48.2 | 48.2 | 48.2 | 59.1 | 59.1 | 59.1 | 61.8 | 63.5 | 63.5 | 64.5 | 64.5 | 64.8 | 65.4 | 65.4 |
| GE 6000 | | 48.2 | 48.2 | 48.2 | 48.2 | 59.1 | 59.1 | 59.1 | 61.8 | 63.5 | 63.5 | 64.5 | 64.5 | 64.8 | 65.4 | 65.4 |
| GE 5000 | | 48.8 | 48.8 | 48.8 | 48.8 | 60.1 | 60.1 | 60.1 | 62.8 | 64.5 | 64.5 | 65.4 | 65.4 | 65.8 | 66.4 | 66.4 |
| GE 4500 | | 49.5 | 49.5 | 49.5 | 49.5 | 60.8 | 60.8 | 60.8 | 63.5 | 65.1 | 65.1 | 66.1 | 66.1 | 66.4 | 67.1 | 67.1 |
| GE 4000 | | 52.8 | 52.8 | 52.8 | 52.8 | 64.1 | 64.1 | 64.1 | 67.1 | 68.8 | 68.8 | 69.8 | 69.8 | 70.1 | 70.8 | 70.8 |
| GE 3500 | | 53.2 | 53.2 | 53.2 | 53.2 | 64.5 | 64.5 | 64.5 | 67.8 | 69.4 | 69.4 | 70.4 | 70.4 | 70.8 | 71.4 | 71.4 |
| GE 3000 | | 53.2 | 53.2 | 53.2 | 53.2 | 64.8 | 64.8 | 64.8 | 68.1 | 69.8 | 69.8 | 70.8 | 70.8 | 71.1 | 71.8 | 71.8 |
| GE 2500 | | 64.8 | 64.8 | 64.8 | 64.8 | 77.4 | 77.4 | 77.4 | 80.7 | 82.4 | 82.4 | 83.4 | 83.4 | 83.7 | 84.4 | 84.4 |
| GE 2000 | | 65.8 | 65.8 | 65.8 | 65.8 | 78.4 | 78.4 | 78.4 | 82.1 | 83.7 | 83.7 | 84.7 | 84.7 | 85.0 | 85.7 | 85.7 |
| GE 1800 | | 66.1 | 66.1 | 66.1 | 66.1 | 79.4 | 79.4 | 79.4 | 83.1 | 84.7 | 84.7 | 86.0 | 86.0 | 86.4 | 87.0 | 87.0 |
| GE 1500 | | 67.1 | 67.1 | 67.1 | 67.1 | 80.4 | 80.4 | 80.4 | 84.1 | 85.7 | 85.7 | 87.0 | 87.0 | 87.4 | 88.0 | 88.0 |
| GE 1200 | | 71.4 | 71.4 | 71.4 | 71.4 | 86.0 | 86.0 | 86.0 | 90.0 | 91.7 | 91.7 | 93.0 | 93.0 | 93.4 | 94.0 | 94.0 |
| GE 1000 | | 72.8 | 72.8 | 72.8 | 72.8 | 88.7 | 88.7 | 88.7 | 92.7 | 94.4 | 94.4 | 95.7 | 95.7 | 96.0 | 96.7 | 96.7 |
| GE 900 | | 72.8 | 72.8 | 72.8 | 72.8 | 89.0 | 89.0 | 89.0 | 93.0 | 94.7 | 94.7 | 96.0 | 96.0 | 96.3 | 97.0 | 97.0 |
| GE 800 | | 72.8 | 72.8 | 72.8 | 72.8 | 89.7 | 89.7 | 89.7 | 93.7 | 95.3 | 95.3 | 96.7 | 96.7 | 97.0 | 97.7 | 97.7 |
| GE 700 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.0 | 90.0 | 90.0 | 94.4 | 96.0 | 96.0 | 97.3 | 97.3 | 97.7 | 98.3 | 98.3 |
| GE 600 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.0 | 90.0 | 90.0 | 95.0 | 96.7 | 96.7 | 98.0 | 98.0 | 98.3 | 99.0 | 99.0 |
| GE 500 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.0 | 90.0 | 90.0 | 95.3 | 97.0 | 97.0 | 98.3 | 98.3 | 98.7 | 99.3 | 99.3 |
| GE 400 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.4 | 90.7 | 90.7 | 96.0 | 97.7 | 97.7 | 99.0 | 99.0 | 99.3 | 100.0 | 100.0 |
| GE 300 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.4 | 90.7 | 90.7 | 96.0 | 97.7 | 97.7 | 99.0 | 99.0 | 99.3 | 100.0 | 100.0 |
| GE 200 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.4 | 90.7 | 90.7 | 96.0 | 97.7 | 97.7 | 99.0 | 99.0 | 99.3 | 100.0 | 100.0 |
| GE 100 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.4 | 90.7 | 90.7 | 96.0 | 97.7 | 97.7 | 99.0 | 99.0 | 99.3 | 100.0 | 100.0 |
| GE 0 | | 73.1 | 73.1 | 73.1 | 73.1 | 90.4 | 90.7 | 90.7 | 96.0 | 97.7 | 97.7 | 99.0 | 99.0 | 99.3 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(EST): 0600-0800

| CEILING
IN
FEET | GE
1 | VISIBILITY IN STATUTE MILES | | | | | VISIBILITY IN STATUTE MILES | | | | | | | | | | |
|-----------------------|---------|-----------------------------|---------|---------|---------|---------|-----------------------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 1 | .3 | 30.5 | 30.5 | 30.5 | 30.5 | 35.1 | 35.1 | 35.1 | 36.4 | 36.4 | 36.4 | 36.8 | 36.8 | 37.7 | 37.7 | 38.7 |
| GE 20000 | 1 | .3 | 33.4 | 33.4 | 33.4 | 33.4 | 38.7 | 38.7 | 38.7 | 40.1 | 40.1 | 40.1 | 40.4 | 40.4 | 41.4 | 41.4 | 42.4 |
| GE 18000 | 1 | .3 | 33.4 | 33.4 | 33.4 | 33.4 | 38.7 | 38.7 | 38.7 | 40.1 | 40.1 | 40.1 | 40.4 | 40.4 | 41.4 | 41.4 | 42.4 |
| GE 16000 | 1 | .3 | 33.4 | 33.4 | 33.4 | 33.4 | 38.7 | 38.7 | 38.7 | 40.1 | 40.1 | 40.1 | 40.4 | 40.4 | 41.4 | 41.4 | 42.4 |
| GE 14000 | 1 | .3 | 33.4 | 33.4 | 33.4 | 33.4 | 38.7 | 38.7 | 38.7 | 40.1 | 40.1 | 40.1 | 40.4 | 40.4 | 41.4 | 41.4 | 42.4 |
| GE 12000 | 1 | .3 | 33.4 | 33.4 | 33.4 | 33.4 | 38.7 | 38.7 | 38.7 | 40.1 | 40.1 | 40.1 | 40.4 | 40.4 | 41.4 | 41.4 | 42.4 |
| GE 10000 | 1 | .7 | 44.7 | 44.7 | 44.7 | 44.7 | 54.6 | 55.0 | 55.3 | 57.9 | 58.6 | 58.6 | 58.9 | 58.9 | 59.9 | 59.9 | 60.9 |
| GE 9000 | 1 | .7 | 44.7 | 44.7 | 44.7 | 44.7 | 54.6 | 55.0 | 55.3 | 57.9 | 58.6 | 58.6 | 58.9 | 58.9 | 59.9 | 59.9 | 60.9 |
| GE 8000 | 1 | .7 | 44.7 | 44.7 | 44.7 | 44.7 | 54.6 | 55.0 | 55.3 | 57.9 | 58.6 | 58.6 | 58.9 | 58.9 | 59.9 | 59.9 | 60.9 |
| GE 7000 | 1 | .7 | 44.7 | 44.7 | 44.7 | 44.7 | 54.6 | 55.0 | 55.3 | 57.9 | 58.6 | 58.6 | 58.9 | 58.9 | 59.9 | 59.9 | 60.9 |
| GE 6000 | 1 | .7 | 45.0 | 45.0 | 45.0 | 45.0 | 55.0 | 55.3 | 55.6 | 58.3 | 58.9 | 58.9 | 59.3 | 59.3 | 60.3 | 60.3 | 61.3 |
| GE 5000 | 1 | .7 | 46.4 | 46.4 | 46.4 | 46.4 | 56.6 | 57.0 | 57.3 | 59.9 | 60.6 | 60.6 | 60.9 | 60.9 | 61.9 | 61.9 | 62.9 |
| GE 4500 | 1 | .7 | 46.7 | 46.7 | 46.7 | 46.7 | 57.0 | 57.3 | 57.6 | 60.3 | 60.9 | 60.9 | 61.3 | 61.3 | 62.3 | 62.3 | 63.2 |
| GE 4000 | 1 | .7 | 48.3 | 48.3 | 48.3 | 48.3 | 58.6 | 58.9 | 59.3 | 61.9 | 62.6 | 62.6 | 62.9 | 62.9 | 63.9 | 63.9 | 64.9 |
| GE 3500 | 1 | .7 | 48.7 | 48.7 | 48.7 | 48.7 | 58.9 | 59.3 | 59.6 | 62.3 | 62.9 | 62.9 | 63.2 | 63.2 | 64.2 | 64.2 | 65.2 |
| GE 3000 | 1 | .7 | 49.7 | 49.7 | 49.7 | 49.7 | 60.6 | 60.9 | 61.3 | 64.2 | 64.9 | 64.9 | 65.2 | 65.2 | 66.2 | 66.2 | 67.2 |
| GE 2500 | 1 | 1.0 | 59.3 | 59.3 | 59.3 | 59.3 | 72.5 | 72.8 | 73.2 | 76.2 | 76.8 | 76.8 | 77.2 | 77.2 | 78.1 | 78.1 | 79.1 |
| GE 2000 | 1 | 1.0 | 59.3 | 59.3 | 59.3 | 59.3 | 72.8 | 73.2 | 73.5 | 76.5 | 77.2 | 77.2 | 77.5 | 77.5 | 78.5 | 78.5 | 79.5 |
| GE 1800 | 1 | 1.0 | 59.3 | 59.3 | 59.3 | 59.3 | 72.8 | 73.2 | 73.5 | 76.5 | 77.2 | 77.2 | 77.5 | 77.5 | 78.5 | 78.5 | 79.5 |
| GE 1500 | 1 | 1.0 | 59.9 | 59.9 | 59.9 | 59.9 | 73.5 | 73.8 | 74.2 | 77.2 | 77.8 | 77.8 | 78.1 | 78.1 | 79.1 | 79.1 | 80.1 |
| GE 1200 | 1 | 1.0 | 69.9 | 69.9 | 69.9 | 69.9 | 84.4 | 84.8 | 85.1 | 88.4 | 89.1 | 89.1 | 89.4 | 89.4 | 90.4 | 90.4 | 91.4 |
| GE 1000 | 1 | 1.0 | 70.5 | 70.5 | 70.5 | 70.5 | 85.8 | 86.1 | 86.4 | 89.7 | 90.4 | 90.4 | 90.7 | 90.7 | 91.7 | 91.7 | 92.7 |
| GE 900 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 86.8 | 87.1 | 87.4 | 90.7 | 91.4 | 91.4 | 91.7 | 91.7 | 92.7 | 92.7 | 93.7 |
| GE 800 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 86.8 | 87.1 | 87.4 | 90.7 | 91.4 | 91.4 | 91.7 | 91.7 | 92.7 | 92.7 | 93.7 |
| GE 700 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 87.7 | 88.1 | 88.4 | 92.7 | 93.4 | 93.4 | 93.7 | 93.7 | 94.7 | 94.7 | 95.7 |
| GE 600 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 87.7 | 88.1 | 88.4 | 92.7 | 94.4 | 94.4 | 94.7 | 94.7 | 95.7 | 95.7 | 96.7 |
| GE 500 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 87.7 | 88.1 | 88.4 | 93.0 | 94.7 | 94.7 | 95.0 | 95.0 | 96.0 | 96.0 | 97.0 |
| GE 400 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 88.4 | 89.1 | 89.4 | 94.0 | 95.7 | 95.7 | 96.0 | 96.0 | 97.0 | 97.0 | 98.0 |
| GE 300 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 88.7 | 89.4 | 89.7 | 94.4 | 96.0 | 96.0 | 96.3 | 96.3 | 97.4 | 97.4 | 98.4 |
| GE 200 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 88.7 | 89.4 | 89.7 | 94.4 | 96.0 | 96.0 | 96.3 | 96.3 | 97.7 | 97.7 | 99.0 |
| GE 100 | 1 | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 88.7 | 89.4 | 89.7 | 94.4 | 96.0 | 96.0 | 96.3 | 96.3 | 98.0 | 98.0 | 100.0 |
| GE | CL | 1.0 | 71.2 | 71.2 | 71.2 | 71.2 | 88.7 | 89.4 | 89.7 | 94.4 | 96.0 | 96.0 | 96.3 | 96.3 | 98.0 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0700-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 1.3 | 27.9 | 27.9 | 27.9 | 27.9 | 20.2 | 30.2 | 30.5 | 30.9 | 30.8 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 |
| GE 20000 | 1.3 | 31.8 | 31.8 | 31.8 | 31.8 | 34.4 | 34.4 | 34.8 | 35.4 | 35.4 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| GE 18000 | 1.3 | 31.8 | 31.8 | 31.8 | 31.8 | 34.4 | 34.4 | 34.8 | 35.4 | 35.4 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| GE 16000 | 1.3 | 31.8 | 31.8 | 31.8 | 31.8 | 34.4 | 34.4 | 34.8 | 35.4 | 35.4 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| GE 14000 | 1.3 | 31.8 | 31.8 | 31.8 | 31.8 | 34.4 | 34.4 | 34.8 | 35.4 | 35.4 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| GE 12000 | 1.3 | 31.8 | 31.8 | 31.8 | 31.8 | 34.4 | 34.4 | 34.8 | 35.4 | 35.4 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| GE 10000 | 2.6 | 45.2 | 45.2 | 45.2 | 45.2 | 51.1 | 51.5 | 51.8 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 9000 | 2.6 | 45.2 | 45.2 | 45.2 | 45.2 | 51.1 | 51.5 | 51.8 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 8000 | 2.6 | 45.2 | 45.2 | 45.2 | 45.2 | 51.1 | 51.5 | 51.8 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 7000 | 2.6 | 45.2 | 45.2 | 45.2 | 45.2 | 51.1 | 51.5 | 51.8 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 6000 | 2.6 | 45.2 | 45.2 | 45.2 | 45.2 | 51.1 | 51.5 | 51.8 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 5000 | 3.0 | 46.9 | 46.9 | 46.9 | 46.9 | 53.1 | 53.4 | 53.8 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 4500 | 3.0 | 46.9 | 46.9 | 46.9 | 46.9 | 53.1 | 53.4 | 53.8 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 4000 | 3.3 | 49.8 | 49.8 | 49.8 | 49.8 | 56.7 | 57.0 | 57.4 | 59.0 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| GE 3500 | 3.3 | 50.2 | 50.2 | 50.2 | 50.2 | 57.0 | 57.4 | 57.7 | 59.3 | 59.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 3000 | 3.3 | 50.8 | 50.8 | 50.8 | 50.8 | 57.7 | 58.0 | 58.4 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 2500 | 3.9 | 63.0 | 63.0 | 63.0 | 63.0 | 71.5 | 71.8 | 72.1 | 73.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 2000 | 3.9 | 64.3 | 64.3 | 64.3 | 64.3 | 72.8 | 73.1 | 73.4 | 75.1 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 1800 | 3.9 | 65.2 | 65.2 | 65.2 | 65.2 | 73.8 | 74.1 | 74.4 | 76.1 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 1500 | 3.9 | 66.6 | 66.6 | 66.6 | 66.6 | 75.7 | 76.1 | 76.4 | 78.4 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 1200 | 3.9 | 73.4 | 73.4 | 73.4 | 73.4 | 85.6 | 85.9 | 86.2 | 88.5 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 1000 | 4.3 | 75.1 | 75.1 | 75.1 | 75.1 | 88.5 | 88.9 | 89.2 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 900 | 4.3 | 75.4 | 75.4 | 75.4 | 75.4 | 89.5 | 89.8 | 90.2 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 800 | 4.3 | 75.7 | 75.7 | 75.7 | 75.7 | 90.5 | 90.8 | 91.5 | 95.4 | 95.4 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 700 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 91.1 | 91.5 | 92.1 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 600 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 91.5 | 91.8 | 92.5 | 96.7 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 500 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 92.1 | 92.5 | 93.1 | 97.7 | 97.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 400 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 92.5 | 92.8 | 93.4 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 92.5 | 92.8 | 93.4 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 92.5 | 92.8 | 93.4 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |
| GE 100 | 4.3 | 76.1 | 76.1 | 76.1 | 76.1 | 92.5 | 92.8 | 93.4 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 18-87
MONTH: AUG HOURS/EST: 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | 1
10 | GE
6 | GE
5 | GF
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GF
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GF
1/4 | GF
0 |
| NO CEIL | 2.7 | 28.0 | 28.0 | 28.0 | 28.0 | 29.4 | 29.4 | 29.4 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |
| GE 20000 | 4.1 | 31.8 | 31.8 | 31.8 | 31.8 | 34.1 | 34.1 | 34.1 | 34.5 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 18000 | 4.1 | 31.8 | 31.8 | 31.8 | 31.8 | 34.1 | 34.1 | 34.1 | 34.5 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 16000 | 4.1 | 31.8 | 31.8 | 31.8 | 31.8 | 34.1 | 34.1 | 34.1 | 34.5 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 14000 | 4.1 | 31.8 | 31.8 | 31.8 | 31.8 | 34.1 | 34.1 | 34.1 | 34.5 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 12000 | 4.1 | 31.8 | 31.8 | 31.8 | 31.8 | 34.1 | 34.1 | 34.1 | 34.5 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 10000 | 5.7 | 46.6 | 46.6 | 46.6 | 46.6 | 51.4 | 51.4 | 51.4 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 9000 | 5.7 | 46.6 | 46.6 | 46.6 | 46.6 | 51.4 | 51.4 | 51.4 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 8000 | 5.7 | 46.6 | 46.6 | 46.6 | 46.6 | 51.4 | 51.4 | 51.4 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 7000 | 5.7 | 46.6 | 46.6 | 46.6 | 46.6 | 51.4 | 51.4 | 51.4 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 6000 | 5.7 | 46.6 | 46.6 | 46.6 | 46.6 | 51.4 | 51.4 | 51.4 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 5000 | 5.7 | 47.0 | 47.0 | 47.0 | 47.0 | 52.0 | 52.0 | 52.0 | 52.4 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| GE 4500 | 6.1 | 47.3 | 47.3 | 47.3 | 47.3 | 52.4 | 52.4 | 52.4 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 4000 | 6.1 | 49.7 | 49.7 | 49.7 | 49.7 | 54.7 | 54.7 | 54.7 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 3500 | 6.8 | 51.0 | 51.0 | 51.0 | 51.0 | 56.1 | 56.1 | 56.1 | 56.4 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 3000 | 7.4 | 53.4 | 53.4 | 53.4 | 53.4 | 58.8 | 58.8 | 58.8 | 59.1 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 2500 | 7.8 | 69.9 | 69.9 | 69.9 | 69.9 | 75.7 | 75.7 | 75.7 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 2000 | 8.4 | 73.0 | 73.0 | 73.0 | 73.0 | 79.1 | 79.1 | 79.1 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| GE 1800 | 8.4 | 74.3 | 74.3 | 74.3 | 74.3 | 80.4 | 80.4 | 80.7 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 1500 | 8.8 | 77.7 | 77.7 | 77.7 | 77.7 | 84.1 | 84.1 | 84.5 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE 1200 | 8.8 | 85.5 | 85.5 | 85.5 | 85.5 | 92.6 | 92.6 | 92.9 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 1000 | 9.1 | 87.2 | 87.2 | 87.2 | 87.2 | 95.3 | 95.3 | 95.6 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 900 | 9.1 | 87.5 | 87.5 | 87.5 | 87.5 | 95.9 | 95.9 | 96.3 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 9.1 | 87.5 | 87.5 | 87.5 | 87.5 | 96.3 | 96.3 | 96.6 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 700 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.0 | 97.0 | 97.3 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 600 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.3 | 97.3 | 97.6 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 500 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.6 | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.6 | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.6 | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 200 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.6 | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.6 | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | 9.1 | 87.8 | 87.8 | 87.8 | 87.8 | 97.6 | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(EST): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|------------|------------|------------|-------------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 | GE
1/16 | GE
1/32 | GE
1/64 | GE
1/128 |
| NO CEIL | 3.3 | 28.4 | 28.4 | 28.4 | 28.4 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 |
| GE 20000 | 4.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| GE 18000 | 4.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| GE 16000 | 4.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| GE 14000 | 4.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| GE 12000 | 4.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| GE 10000 | 6.9 | 46.5 | 46.5 | 46.5 | 46.5 | 48.2 | 48.2 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| GE 9000 | 6.9 | 46.5 | 46.5 | 46.5 | 46.5 | 48.2 | 48.2 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| GE 8000 | 6.9 | 46.5 | 46.5 | 46.5 | 46.5 | 48.2 | 48.2 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| GE 7000 | 6.9 | 46.5 | 46.5 | 46.5 | 46.5 | 48.2 | 48.2 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| GE 6000 | 6.9 | 46.5 | 46.5 | 46.5 | 46.5 | 48.2 | 48.2 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| GE 5000 | 6.9 | 47.9 | 47.9 | 47.9 | 47.9 | 49.5 | 49.5 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| GE 4500 | 6.9 | 48.2 | 48.2 | 48.2 | 48.2 | 49.8 | 49.8 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| GE 4000 | 6.9 | 52.1 | 52.1 | 52.1 | 52.1 | 53.8 | 53.8 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 3500 | 7.3 | 52.5 | 52.5 | 52.5 | 52.5 | 54.1 | 54.1 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| GE 3000 | 8.6 | 55.1 | 55.1 | 55.1 | 55.1 | 57.1 | 57.1 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| GE 2500 | 9.2 | 76.9 | 76.9 | 76.9 | 77.2 | 79.9 | 79.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 2000 | 10.2 | 82.2 | 82.2 | 82.2 | 82.5 | 85.1 | 85.1 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 1800 | 10.9 | 85.1 | 85.1 | 85.1 | 85.5 | 88.4 | 88.4 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 1500 | 10.9 | 85.8 | 85.8 | 85.8 | 86.1 | 89.4 | 89.4 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 1200 | 10.9 | 91.4 | 91.4 | 91.4 | 91.7 | 95.7 | 95.7 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 1000 | 10.9 | 92.1 | 92.1 | 92.1 | 92.4 | 96.7 | 96.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 900 | 10.9 | 92.4 | 92.4 | 92.4 | 92.7 | 97.7 | 97.7 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 800 | 10.9 | 92.4 | 92.4 | 92.4 | 92.7 | 97.7 | 97.7 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 700 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.0 | 98.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.0 | 98.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.0 | 98.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.3 | 98.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.3 | 98.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.3 | 98.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.3 | 98.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 10.9 | 92.7 | 92.7 | 92.7 | 93.1 | 98.3 | 98.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(EST): 1800-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 4.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 |
| GE 20000 | 5.1 | 38.5 | 38.5 | 38.5 | 38.5 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 18000 | 5.1 | 38.5 | 38.5 | 38.5 | 38.5 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 16000 | 5.1 | 38.5 | 38.5 | 38.5 | 38.5 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 14000 | 5.1 | 38.5 | 38.5 | 38.5 | 38.5 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 12000 | 5.1 | 38.5 | 38.5 | 38.5 | 38.5 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 10000 | 7.8 | 52.0 | 52.0 | 52.0 | 52.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 9000 | 7.8 | 52.0 | 52.0 | 52.0 | 52.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 8000 | 7.8 | 52.0 | 52.0 | 52.0 | 52.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 7000 | 7.8 | 52.0 | 52.0 | 52.0 | 52.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 6000 | 7.8 | 52.4 | 52.4 | 52.4 | 52.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| GE 5000 | 7.8 | 53.0 | 53.0 | 53.0 | 53.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| GE 4500 | 8.4 | 54.7 | 54.7 | 54.7 | 54.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 4000 | 9.1 | 60.5 | 60.5 | 60.5 | 60.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 3500 | 9.5 | 60.8 | 60.8 | 60.8 | 60.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| GE 3000 | 9.8 | 62.5 | 62.5 | 62.5 | 62.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 2500 | 10.1 | 79.4 | 79.4 | 79.4 | 79.4 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 2000 | 10.1 | 83.8 | 83.8 | 83.8 | 83.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 1800 | 10.1 | 84.8 | 84.8 | 84.8 | 84.8 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 1600 | 10.1 | 87.8 | 87.8 | 87.8 | 87.8 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1200 | 10.1 | 92.9 | 92.9 | 92.9 | 92.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 1000 | 10.1 | 93.6 | 93.6 | 93.6 | 93.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 900 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 800 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 700 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 200 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | 10.1 | 93.9 | 93.9 | 93.9 | 93.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-A7
MONTH: AUG HOURS(IST): 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 3.3 | 40.7 | 40.7 | 40.7 | 40.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| GE 20000 | 3.3 | 42.7 | 42.7 | 42.7 | 42.7 | 44.7 | 44.7 | 44.7 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GE 18000 | 3.3 | 42.7 | 42.7 | 42.7 | 42.7 | 44.7 | 44.7 | 44.7 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GE 16000 | 3.3 | 42.7 | 42.7 | 42.7 | 42.7 | 44.7 | 44.7 | 44.7 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GE 14000 | 3.3 | 42.7 | 42.7 | 42.7 | 42.7 | 44.7 | 44.7 | 44.7 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GE 12000 | 3.3 | 42.7 | 42.7 | 42.7 | 42.7 | 44.7 | 44.7 | 44.7 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GE 10000 | 3.6 | 56.6 | 56.6 | 56.6 | 56.6 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 9000 | 3.6 | 56.6 | 56.6 | 56.6 | 56.6 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 8000 | 3.6 | 57.0 | 57.0 | 57.0 | 57.0 | 62.3 | 62.3 | 62.3 | 62.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 7000 | 3.6 | 57.0 | 57.0 | 57.0 | 57.0 | 62.3 | 62.3 | 62.3 | 62.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 6000 | 3.6 | 57.6 | 57.6 | 57.6 | 57.6 | 62.9 | 62.9 | 62.9 | 63.6 | 63.6 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| GE 5000 | 3.6 | 58.3 | 58.3 | 58.3 | 58.3 | 63.6 | 63.6 | 63.6 | 64.2 | 64.2 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 4500 | 3.6 | 58.6 | 58.6 | 58.6 | 58.6 | 63.9 | 63.9 | 63.9 | 64.6 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 4000 | 4.0 | 62.3 | 62.3 | 62.3 | 62.3 | 67.9 | 67.9 | 67.9 | 68.5 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 3500 | 4.0 | 62.3 | 62.3 | 62.3 | 62.3 | 67.9 | 67.9 | 67.9 | 68.5 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 3000 | 4.0 | 62.9 | 62.9 | 62.9 | 62.9 | 68.9 | 68.9 | 68.9 | 69.5 | 69.5 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 2500 | 4.0 | 78.8 | 78.8 | 78.8 | 78.8 | 86.1 | 86.1 | 86.1 | 86.8 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 2000 | 4.0 | 80.1 | 80.1 | 80.1 | 80.1 | 87.4 | 87.4 | 87.4 | 88.4 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 1800 | 4.0 | 80.5 | 80.5 | 80.5 | 80.5 | 87.7 | 87.7 | 87.7 | 88.7 | 88.7 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 1600 | 4.3 | 81.8 | 81.8 | 81.8 | 81.8 | 89.7 | 89.7 | 89.7 | 90.7 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 1400 | 4.3 | 86.4 | 86.4 | 86.4 | 86.4 | 95.0 | 95.0 | 95.0 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 1200 | 4.3 | 86.8 | 86.8 | 86.8 | 86.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 1000 | 4.3 | 86.8 | 86.8 | 86.8 | 86.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 900 | 4.3 | 87.1 | 87.1 | 87.1 | 87.1 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 700 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 600 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 500 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 400 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 300 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 200 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 100 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 0 | 4.3 | 87.4 | 87.4 | 87.4 | 87.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 74-87
MONTH: ALL HOURS(UT): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|-----------|------------|------------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
1/2 | GE
1/4 | GE
1/8 | GE
1/16 | GE
1/32 |
| NO CEIL | 1.9 | 33.9 | 33.9 | 33.9 | 33.9 | 36.8 | 36.8 | 36.9 | 37.7 | 37.9 | 39.0 | 39.3 | 39.4 | 39.5 | 39.6 | 39.6 |
| GE 20000 | 2.2 | 36.6 | 36.6 | 36.7 | 36.7 | 39.9 | 39.9 | 40.0 | 40.0 | 41.2 | 41.3 | 41.5 | 41.6 | 41.8 | 41.9 | 42.0 |
| GE 18000 | 2.2 | 36.6 | 36.6 | 36.7 | 36.7 | 39.9 | 39.9 | 40.0 | 40.0 | 41.2 | 41.3 | 41.5 | 41.6 | 41.8 | 41.9 | 42.0 |
| GE 16000 | 2.2 | 36.6 | 36.6 | 36.7 | 36.7 | 39.9 | 39.9 | 40.0 | 40.0 | 41.2 | 41.3 | 41.5 | 41.6 | 41.8 | 41.9 | 42.0 |
| GE 14000 | 2.2 | 36.6 | 36.6 | 36.7 | 36.7 | 39.9 | 39.9 | 40.0 | 40.0 | 41.2 | 41.3 | 41.5 | 41.6 | 41.8 | 41.9 | 42.0 |
| GE 12000 | 2.2 | 36.6 | 36.6 | 36.7 | 36.7 | 39.9 | 39.9 | 40.0 | 40.0 | 41.2 | 41.3 | 41.5 | 41.6 | 41.8 | 41.9 | 42.0 |
| GE 10000 | 3.4 | 49.3 | 49.3 | 49.3 | 49.3 | 55.5 | 55.6 | 55.8 | 57.1 | 57.5 | 57.6 | 57.9 | 58.1 | 58.2 | 58.4 | 58.4 |
| GE 9000 | 3.4 | 49.3 | 49.3 | 49.3 | 49.3 | 55.5 | 55.6 | 55.8 | 57.1 | 57.5 | 57.6 | 57.9 | 58.1 | 58.2 | 58.4 | 58.4 |
| GE 8000 | 3.4 | 49.3 | 49.3 | 49.4 | 49.4 | 55.5 | 55.6 | 55.8 | 57.2 | 57.6 | 57.6 | 57.9 | 58.2 | 58.3 | 58.4 | 58.4 |
| GE 7000 | 3.4 | 49.3 | 49.3 | 49.4 | 49.4 | 55.5 | 55.6 | 55.8 | 57.2 | 57.6 | 57.6 | 57.9 | 58.2 | 58.3 | 58.4 | 58.4 |
| GE 6000 | 3.4 | 49.3 | 49.3 | 49.4 | 49.4 | 55.5 | 55.6 | 55.8 | 57.2 | 57.6 | 57.6 | 57.9 | 58.2 | 58.3 | 58.4 | 58.4 |
| GE 5000 | 3.4 | 50.5 | 50.5 | 50.6 | 50.6 | 56.9 | 57.0 | 57.2 | 58.6 | 59.0 | 59.1 | 59.3 | 59.4 | 59.6 | 59.7 | 59.7 |
| GE 4500 | 3.6 | 51.1 | 51.1 | 51.1 | 51.1 | 57.5 | 57.6 | 57.8 | 59.1 | 59.5 | 59.6 | 59.9 | 60.1 | 60.2 | 60.4 | 60.4 |
| GE 4000 | 3.7 | 54.3 | 54.3 | 54.3 | 54.3 | 60.8 | 60.9 | 61.1 | 62.6 | 62.9 | 63.3 | 63.3 | 63.5 | 63.6 | 63.8 | 63.8 |
| GE 3500 | 3.9 | 54.7 | 54.7 | 54.7 | 54.7 | 61.3 | 61.3 | 61.6 | 63.0 | 63.4 | 63.5 | 63.7 | 63.8 | 64.0 | 64.1 | 64.1 |
| GE 3000 | 4.2 | 55.9 | 55.9 | 55.9 | 56.0 | 62.8 | 62.8 | 63.1 | 64.5 | 64.9 | 65.0 | 65.3 | 65.3 | 65.6 | 65.6 | 65.6 |
| GE 2500 | 4.5 | 70.2 | 70.2 | 70.3 | 70.3 | 76.2 | 76.3 | 76.5 | 80.0 | 80.4 | 80.5 | 80.7 | 80.9 | 81.0 | 81.1 | 81.1 |
| GE 2000 | 4.7 | 72.5 | 72.5 | 72.5 | 72.6 | 80.6 | 80.7 | 80.9 | 82.6 | 83.0 | 83.3 | 83.3 | 83.4 | 83.6 | 83.7 | 83.8 |
| GE 1800 | 4.8 | 73.4 | 73.4 | 73.4 | 73.5 | 81.6 | 81.7 | 82.0 | 83.6 | 84.0 | 84.1 | 84.4 | 84.5 | 84.7 | 84.7 | 84.9 |
| GE 1600 | 4.9 | 74.9 | 74.9 | 74.9 | 74.9 | 83.4 | 83.5 | 83.7 | 86.4 | 86.8 | 86.9 | 87.2 | 87.2 | 87.5 | 87.5 | 87.7 |
| GE 1400 | 4.9 | 81.0 | 81.0 | 81.0 | 81.1 | 90.9 | 90.9 | 91.2 | 93.1 | 93.5 | 93.6 | 94.0 | 94.1 | 94.3 | 94.3 | 94.5 |
| GE 1200 | 4.9 | 81.9 | 81.9 | 81.9 | 82.0 | 92.6 | 92.6 | 92.9 | 95.1 | 95.5 | 95.6 | 96.0 | 96.1 | 96.3 | 96.3 | 96.5 |
| GE 1000 | 4.9 | 82.1 | 82.1 | 82.1 | 82.2 | 93.1 | 93.2 | 93.5 | 95.4 | 95.8 | 96.0 | 96.3 | 96.4 | 96.7 | 96.7 | 97.0 |
| GE 900 | 4.9 | 82.2 | 82.2 | 82.3 | 82.3 | 93.6 | 93.6 | 94.0 | 96.3 | 96.7 | 96.8 | 97.2 | 97.3 | 97.5 | 97.5 | 97.7 |
| GE 800 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.1 | 94.1 | 94.6 | 97.1 | 97.5 | 97.6 | 98.0 | 98.1 | 98.3 | 98.3 | 98.5 |
| GE 700 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.1 | 94.2 | 94.6 | 97.3 | 97.6 | 97.7 | 98.1 | 98.2 | 98.4 | 98.4 | 98.6 |
| GE 600 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.3 | 94.3 | 94.8 | 97.5 | 97.8 | 98.0 | 98.4 | 98.5 | 98.7 | 98.7 | 99.0 |
| GE 500 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.5 | 94.5 | 94.9 | 97.7 | 98.0 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 99.2 |
| GE 400 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.6 | 94.6 | 94.9 | 97.7 | 98.0 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 99.2 |
| GE 300 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.6 | 94.6 | 94.9 | 97.7 | 98.0 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 99.2 |
| GE 200 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.6 | 94.6 | 94.9 | 97.7 | 98.0 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 99.2 |
| GE 100 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.6 | 94.6 | 94.9 | 97.7 | 98.0 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 99.2 |
| GE 0 | 4.9 | 82.5 | 82.5 | 82.5 | 82.5 | 94.6 | 94.6 | 94.9 | 97.7 | 98.0 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS: 2406

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 250630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 74-87
MONTH: SEP HOURS: 0100-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|-----------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GE
1 1/2 | GE
1 | GE
3/4 | GE
3/8 | GE
1/2 | GE
1/4 | GE
1/8 |
| NO CEIL | | 29.9 | 29.9 | 30.2 | 30.2 | 30.6 | 35.6 | 35.6 | 36.9 | 36.9 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 |
| GE 20000 | | 30.9 | 30.9 | 31.2 | 31.2 | 36.6 | 36.6 | 36.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 18000 | | 30.9 | 30.9 | 31.2 | 31.2 | 36.6 | 36.6 | 36.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 16000 | | 30.9 | 30.9 | 31.2 | 31.2 | 36.6 | 36.6 | 36.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 14000 | | 30.9 | 30.9 | 31.2 | 31.2 | 36.6 | 36.6 | 36.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 12000 | | 30.9 | 30.9 | 31.2 | 31.2 | 36.6 | 36.6 | 36.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| GE 10000 | | 37.2 | 37.2 | 37.6 | 37.6 | 45.0 | 45.0 | 45.0 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 9000 | | 37.2 | 37.2 | 37.6 | 37.6 | 45.0 | 45.0 | 45.0 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 8000 | | 37.2 | 37.2 | 37.6 | 37.6 | 45.0 | 45.0 | 45.0 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 7000 | | 37.2 | 37.2 | 37.6 | 37.6 | 45.0 | 45.0 | 45.0 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 6000 | | 37.2 | 37.2 | 37.6 | 37.6 | 45.0 | 45.0 | 45.0 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 5000 | | 39.6 | 39.6 | 39.9 | 39.9 | 47.7 | 47.7 | 47.7 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| GE 4500 | | 40.3 | 40.3 | 40.6 | 40.6 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| GE 4000 | | 43.3 | 43.3 | 43.6 | 43.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| GE 3500 | | 44.6 | 44.6 | 45.0 | 45.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 3000 | | 46.3 | 46.3 | 46.6 | 46.6 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| GE 2500 | | 63.8 | 63.8 | 64.1 | 64.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 2000 | | 64.1 | 64.1 | 64.4 | 64.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 1800 | | 64.8 | 64.8 | 65.1 | 65.1 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 1600 | | 66.8 | 66.8 | 67.1 | 67.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 1400 | | 71.8 | 71.8 | 72.1 | 72.1 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 1200 | | 71.8 | 71.8 | 72.1 | 72.1 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 1000 | | 71.8 | 71.8 | 72.1 | 72.1 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 900 | | 72.8 | 72.8 | 73.2 | 73.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 800 | | 73.8 | 73.8 | 74.2 | 74.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 700 | | 73.8 | 73.8 | 74.2 | 74.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 600 | | 74.2 | 74.2 | 74.5 | 74.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 500 | | 74.2 | 74.2 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 400 | | 74.2 | 74.2 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 300 | | 74.2 | 74.2 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 200 | | 74.2 | 74.2 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 100 | | 74.2 | 74.2 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 0 | | 74.2 | 74.2 | 74.5 | 74.5 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 0100-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 | 1 1/2 | GE 1 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 7/4 | GE 5/8 | GE 1/2 | GE 5/16 |
| NO CEIL | | 25.9 | 25.9 | 25.9 | 25.9 | 33.4 | 33.4 | 33.4 | 34.5 | 35.5 | 35.5 | 36.2 | 36.2 | 36.5 | 37.2 | 37.5 |
| GE 20000 | | 26.3 | 26.3 | 26.3 | 26.3 | 33.8 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.5 | 38.2 | 38.6 |
| GE 18000 | | 26.3 | 26.3 | 26.3 | 26.3 | 33.8 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.5 | 38.2 | 38.6 |
| GE 16000 | | 26.3 | 26.3 | 26.3 | 26.3 | 33.8 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.5 | 38.2 | 38.6 |
| GE 14000 | | 26.3 | 26.3 | 26.3 | 26.3 | 33.8 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.5 | 38.2 | 38.6 |
| GE 12000 | | 26.3 | 26.3 | 26.3 | 26.3 | 33.8 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.5 | 38.2 | 38.6 |
| GE 10000 | | 33.1 | 33.1 | 33.1 | 33.1 | 41.6 | 41.6 | 41.6 | 44.7 | 46.1 | 46.1 | 46.8 | 46.8 | 47.1 | 47.8 | 48.1 |
| GE 9000 | | 33.1 | 33.1 | 33.1 | 33.1 | 41.6 | 41.6 | 41.6 | 44.7 | 46.1 | 46.1 | 46.8 | 46.8 | 47.1 | 47.8 | 48.1 |
| GE 8000 | | 33.1 | 33.1 | 33.1 | 33.1 | 41.6 | 41.6 | 41.6 | 44.7 | 46.1 | 46.1 | 46.8 | 46.8 | 47.1 | 47.8 | 48.1 |
| GE 7000 | | 33.1 | 33.1 | 33.1 | 33.1 | 41.6 | 41.6 | 41.6 | 44.7 | 46.1 | 46.1 | 46.8 | 46.8 | 47.1 | 47.8 | 48.1 |
| GE 6000 | | 33.1 | 33.1 | 33.1 | 33.1 | 41.6 | 41.6 | 41.6 | 44.7 | 46.1 | 46.1 | 46.8 | 46.8 | 47.1 | 47.8 | 48.1 |
| GE 5000 | | 33.8 | 33.8 | 33.8 | 33.8 | 42.7 | 42.7 | 42.7 | 45.7 | 47.1 | 47.1 | 47.8 | 47.8 | 48.1 | 48.8 | 49.1 |
| GE 4500 | | 34.1 | 34.1 | 34.1 | 34.1 | 43.0 | 43.0 | 43.0 | 46.1 | 47.4 | 47.4 | 48.1 | 48.1 | 48.5 | 49.1 | 49.5 |
| GE 4000 | | 36.9 | 36.9 | 36.9 | 36.9 | 46.8 | 46.8 | 46.8 | 49.8 | 51.2 | 51.2 | 51.9 | 51.9 | 52.2 | 52.9 | 53.2 |
| GE 3500 | | 37.5 | 37.5 | 37.5 | 37.5 | 47.8 | 47.8 | 47.8 | 50.9 | 52.2 | 52.2 | 52.9 | 52.9 | 53.2 | 53.9 | 54.3 |
| GE 3000 | | 40.6 | 40.6 | 40.6 | 40.6 | 51.9 | 51.9 | 51.9 | 54.9 | 56.3 | 56.3 | 57.0 | 57.0 | 57.3 | 58.0 | 58.4 |
| GE 2500 | | 53.9 | 53.9 | 53.9 | 53.9 | 66.9 | 66.9 | 66.9 | 70.6 | 72.0 | 72.0 | 72.7 | 72.7 | 73.0 | 73.7 | 74.1 |
| GE 2000 | | 56.3 | 56.3 | 56.3 | 56.3 | 70.6 | 70.6 | 70.6 | 74.4 | 75.8 | 75.8 | 76.5 | 76.5 | 76.8 | 77.5 | 77.8 |
| GE 1800 | | 56.7 | 56.7 | 56.7 | 56.7 | 71.0 | 71.0 | 71.0 | 74.7 | 76.1 | 76.1 | 76.8 | 76.8 | 77.1 | 77.8 | 78.2 |
| GE 1500 | | 58.7 | 58.7 | 58.7 | 58.7 | 74.1 | 74.1 | 74.1 | 78.2 | 79.5 | 79.5 | 80.2 | 80.2 | 80.5 | 81.2 | 81.6 |
| GE 1200 | | 63.1 | 63.1 | 63.1 | 63.1 | 82.3 | 82.3 | 82.3 | 86.7 | 88.1 | 88.1 | 88.7 | 88.7 | 89.1 | 89.8 | 90.1 |
| GE 1000 | | 64.2 | 64.2 | 64.2 | 64.2 | 84.0 | 84.0 | 84.0 | 88.4 | 89.8 | 89.8 | 90.4 | 90.4 | 90.8 | 91.5 | 91.8 |
| GE 900 | | 64.5 | 64.5 | 64.5 | 64.5 | 84.3 | 84.3 | 84.3 | 88.7 | 90.1 | 90.1 | 90.8 | 90.8 | 91.1 | 91.8 | 92.2 |
| GE 800 | | 64.8 | 64.8 | 64.8 | 64.8 | 85.0 | 85.0 | 85.0 | 89.4 | 90.8 | 90.8 | 91.5 | 91.5 | 91.8 | 92.5 | 92.8 |
| GE 700 | | 64.8 | 64.8 | 64.8 | 64.8 | 85.3 | 85.3 | 85.3 | 89.8 | 91.1 | 91.1 | 92.2 | 92.2 | 92.5 | 93.2 | 93.5 |
| GE 600 | | 64.8 | 64.8 | 64.8 | 64.8 | 86.3 | 86.3 | 86.3 | 91.1 | 92.5 | 92.5 | 93.5 | 93.5 | 93.9 | 94.5 | 94.9 |
| GE 500 | | 64.8 | 64.8 | 64.8 | 64.8 | 86.7 | 86.7 | 86.7 | 91.8 | 93.2 | 93.2 | 94.5 | 94.5 | 94.9 | 95.6 | 95.9 |
| GE 400 | | 65.2 | 65.2 | 65.2 | 65.2 | 87.7 | 87.7 | 87.7 | 93.2 | 94.5 | 94.5 | 95.9 | 95.9 | 96.6 | 97.3 | 97.6 |
| GE 300 | | 65.2 | 65.2 | 65.2 | 65.2 | 87.7 | 87.7 | 87.7 | 93.2 | 94.5 | 94.5 | 95.2 | 95.2 | 96.6 | 97.3 | 98.6 |
| GE 200 | | 65.2 | 65.2 | 65.2 | 65.2 | 87.7 | 87.7 | 87.7 | 93.2 | 94.9 | 95.2 | 96.6 | 96.6 | 97.3 | 98.3 | 98.6 |
| GE 100 | | 65.2 | 65.2 | 65.2 | 65.2 | 87.7 | 87.7 | 87.7 | 93.2 | 94.9 | 95.2 | 96.6 | 96.6 | 97.3 | 98.3 | 99.7 |
| GE 01 | | 65.2 | 65.2 | 65.2 | 65.2 | 87.7 | 87.7 | 87.7 | 93.2 | 94.9 | 95.2 | 96.6 | 96.6 | 97.3 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: SEP. HOURS (EST): 0400-0800

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
3/4 | GE
1/4 | GE
0 |
| NO CEIL | | 22.8 | 22.8 | 22.8 | 22.8 | 29.3 | 29.3 | 29.3 | 31.2 | 31.9 | 31.9 | 32.2 | 32.6 | 33.0 | 34.1 | 34.1 |
| GE 20000 | .4 | 23.6 | 23.6 | 23.6 | 23.6 | 30.4 | 30.4 | 30.4 | 32.2 | 33.0 | 33.0 | 33.3 | 33.3 | 33.7 | 34.1 | 34.1 |
| GE 18000 | .4 | 23.6 | 23.6 | 23.6 | 23.6 | 30.4 | 30.4 | 30.4 | 32.2 | 33.0 | 33.0 | 33.3 | 33.3 | 33.7 | 34.1 | 34.1 |
| GE 16000 | .4 | 23.6 | 23.6 | 23.6 | 23.6 | 30.4 | 30.4 | 30.4 | 32.2 | 33.0 | 33.0 | 33.3 | 33.3 | 33.7 | 34.1 | 34.1 |
| GE 14000 | .4 | 23.6 | 23.6 | 23.6 | 23.6 | 30.4 | 30.4 | 30.4 | 32.2 | 33.0 | 33.0 | 33.3 | 33.3 | 33.7 | 34.1 | 34.1 |
| GE 12000 | .4 | 23.6 | 23.6 | 23.6 | 23.6 | 30.4 | 30.4 | 30.4 | 32.2 | 33.0 | 33.0 | 33.3 | 33.3 | 33.7 | 34.1 | 34.1 |
| GE 10000 | .4 | 29.7 | 29.7 | 29.7 | 29.7 | 39.1 | 39.1 | 39.1 | 41.7 | 42.4 | 42.4 | 42.8 | 42.8 | 43.1 | 43.5 | 43.5 |
| GE 9000 | .4 | 29.7 | 29.7 | 29.7 | 29.7 | 39.1 | 39.1 | 39.1 | 41.7 | 42.4 | 42.4 | 42.8 | 42.8 | 43.1 | 43.5 | 43.5 |
| GE 8000 | .4 | 29.7 | 29.7 | 29.7 | 29.7 | 39.1 | 39.1 | 39.1 | 41.7 | 42.4 | 42.4 | 42.8 | 42.8 | 43.1 | 43.5 | 43.5 |
| GE 7000 | .4 | 29.7 | 29.7 | 29.7 | 29.7 | 39.1 | 39.1 | 39.1 | 41.7 | 42.4 | 42.4 | 42.8 | 42.8 | 43.1 | 43.5 | 43.5 |
| GE 6000 | .4 | 30.1 | 30.1 | 30.1 | 30.1 | 39.5 | 39.5 | 39.5 | 42.0 | 42.8 | 42.8 | 43.1 | 43.1 | 43.5 | 43.5 | 43.5 |
| GE 5000 | .4 | 31.2 | 31.2 | 31.2 | 31.2 | 40.6 | 40.6 | 40.6 | 43.1 | 43.8 | 43.8 | 44.2 | 44.2 | 44.6 | 44.9 | 44.9 |
| GE 4500 | .4 | 31.2 | 31.2 | 31.2 | 31.2 | 40.6 | 40.6 | 40.6 | 43.1 | 43.8 | 43.8 | 44.2 | 44.2 | 44.6 | 44.9 | 44.9 |
| GE 4000 | .4 | 33.0 | 33.0 | 33.0 | 33.0 | 43.5 | 43.5 | 43.5 | 46.0 | 46.7 | 46.7 | 47.1 | 47.1 | 47.5 | 47.8 | 47.8 |
| GE 3500 | .4 | 34.4 | 34.4 | 34.4 | 34.4 | 44.9 | 44.9 | 44.9 | 47.5 | 48.2 | 48.2 | 48.6 | 48.6 | 48.9 | 49.3 | 49.3 |
| GE 3000 | .7 | 34.8 | 34.8 | 34.8 | 34.8 | 45.3 | 45.3 | 45.3 | 47.8 | 48.6 | 48.6 | 48.9 | 48.9 | 49.3 | 49.6 | 49.6 |
| GE 2500 | .7 | 48.6 | 48.6 | 48.6 | 48.6 | 60.1 | 60.1 | 60.1 | 63.0 | 63.8 | 63.8 | 64.1 | 64.1 | 64.5 | 64.9 | 64.9 |
| GE 2000 | .7 | 50.4 | 50.4 | 50.4 | 50.4 | 62.7 | 62.7 | 62.7 | 65.6 | 66.3 | 66.3 | 67.0 | 67.0 | 67.4 | 67.8 | 67.8 |
| GE 1800 | .7 | 51.4 | 51.4 | 51.4 | 51.4 | 64.1 | 64.1 | 64.1 | 67.0 | 67.8 | 67.8 | 68.5 | 68.5 | 68.8 | 69.2 | 69.2 |
| GE 1500 | .7 | 53.3 | 53.3 | 53.3 | 53.3 | 66.3 | 66.3 | 66.3 | 69.2 | 69.9 | 69.9 | 70.7 | 70.7 | 71.0 | 71.4 | 71.4 |
| GE 1200 | .7 | 63.0 | 63.0 | 63.0 | 63.0 | 79.7 | 79.7 | 79.7 | 83.0 | 84.1 | 84.1 | 84.8 | 84.8 | 85.1 | 85.5 | 85.5 |
| GE 1000 | 1.1 | 64.9 | 64.9 | 64.9 | 64.9 | 83.3 | 83.3 | 83.3 | 86.6 | 87.7 | 87.7 | 88.8 | 88.8 | 89.1 | 89.5 | 89.5 |
| GE 900 | 1.1 | 64.9 | 64.9 | 64.9 | 64.9 | 83.3 | 83.3 | 83.3 | 86.6 | 87.7 | 87.7 | 88.8 | 88.8 | 89.1 | 89.5 | 89.5 |
| GE 800 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 84.4 | 84.4 | 84.4 | 87.7 | 88.8 | 88.8 | 89.1 | 89.1 | 89.9 | 90.2 | 90.6 |
| GE 700 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 85.1 | 85.1 | 85.1 | 88.8 | 90.2 | 90.2 | 91.3 | 91.3 | 91.7 | 92.0 | 92.4 |
| GE 600 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 85.1 | 85.1 | 85.1 | 88.8 | 90.2 | 90.2 | 91.3 | 91.3 | 91.7 | 92.0 | 92.4 |
| GE 500 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 85.9 | 85.9 | 85.9 | 89.9 | 91.3 | 91.3 | 92.8 | 92.8 | 93.1 | 93.5 | 93.7 |
| GE 400 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 86.6 | 86.6 | 86.6 | 90.6 | 92.4 | 92.4 | 94.6 | 94.6 | 94.9 | 95.3 | 95.5 |
| GE 300 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 86.6 | 86.6 | 86.6 | 90.6 | 93.1 | 93.1 | 95.3 | 95.3 | 95.7 | 96.0 | 96.4 |
| GE 200 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 87.0 | 87.0 | 87.0 | 90.9 | 93.5 | 93.5 | 95.7 | 95.7 | 96.0 | 96.4 | 96.7 |
| GE 100 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 87.0 | 87.0 | 87.0 | 90.9 | 93.5 | 93.5 | 95.7 | 95.7 | 96.0 | 96.4 | 96.7 |
| GE 0 | 1.1 | 65.2 | 65.2 | 65.2 | 65.2 | 87.0 | 87.0 | 87.0 | 90.9 | 93.5 | 93.5 | 95.7 | 95.7 | 96.0 | 96.4 | 96.7 |

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 0900-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 1.7 | 21.2 | 21.2 | 21.2 | 21.2 | 25.7 | 25.7 | 25.7 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| GE 10000 | 1.7 | 23.3 | 23.3 | 23.3 | 23.3 | 27.7 | 27.7 | 27.7 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| GE 18000 | 1.7 | 23.3 | 23.3 | 23.3 | 23.3 | 27.7 | 27.7 | 27.7 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| GE 16000 | 1.7 | 23.3 | 23.3 | 23.3 | 23.3 | 27.7 | 27.7 | 27.7 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| GE 14000 | 1.7 | 23.3 | 23.3 | 23.3 | 23.3 | 27.7 | 27.7 | 27.7 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| GE 12000 | 1.7 | 23.3 | 23.3 | 23.3 | 23.3 | 27.7 | 27.7 | 27.7 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| GE 10000 | 2.7 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 39.0 | 39.0 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| GE 9000 | 2.7 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 39.0 | 39.0 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| GE 8000 | 2.7 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 39.0 | 39.0 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| GE 7000 | 2.7 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 39.0 | 39.0 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| GE 6000 | 2.7 | 30.8 | 30.8 | 30.8 | 30.8 | 37.7 | 37.7 | 37.7 | 39.0 | 39.0 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| GE 5000 | 2.7 | 32.5 | 32.5 | 32.5 | 32.5 | 39.7 | 39.7 | 39.7 | 41.1 | 41.1 | 41.1 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| GE 4500 | 2.7 | 33.2 | 33.2 | 33.2 | 33.2 | 40.4 | 40.4 | 40.4 | 41.8 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 4000 | 2.7 | 35.6 | 35.6 | 35.6 | 35.6 | 42.8 | 42.8 | 42.8 | 44.5 | 44.5 | 44.5 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| GE 3000 | 2.7 | 36.3 | 36.3 | 36.3 | 36.3 | 43.8 | 43.8 | 43.8 | 45.5 | 45.5 | 45.5 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| GE 3000 | 2.7 | 38.0 | 38.0 | 38.0 | 38.0 | 45.9 | 45.9 | 45.9 | 47.6 | 47.6 | 47.6 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| GE 2000 | 2.7 | 50.7 | 50.7 | 50.7 | 50.7 | 60.6 | 60.6 | 60.6 | 62.3 | 62.3 | 62.3 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 2000 | 3.1 | 53.4 | 53.4 | 53.4 | 53.4 | 64.4 | 64.4 | 64.4 | 66.1 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 1800 | 3.1 | 53.8 | 53.8 | 53.8 | 53.8 | 65.4 | 65.4 | 65.4 | 67.1 | 67.1 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 1500 | 3.1 | 54.8 | 54.8 | 54.8 | 54.8 | 67.1 | 67.1 | 67.1 | 68.8 | 68.8 | 68.8 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 1200 | 3.1 | 63.4 | 63.4 | 63.4 | 63.4 | 79.5 | 79.5 | 79.5 | 81.8 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 1000 | 3.1 | 65.4 | 65.4 | 65.4 | 65.4 | 83.6 | 83.6 | 83.6 | 87.0 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 900 | 3.1 | 66.1 | 66.1 | 66.1 | 66.1 | 84.2 | 84.6 | 84.6 | 88.0 | 88.0 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 800 | 3.1 | 66.8 | 66.8 | 66.8 | 66.8 | 85.6 | 86.0 | 86.0 | 89.4 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 700 | 3.1 | 66.8 | 66.8 | 66.8 | 66.8 | 87.3 | 87.7 | 87.7 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 600 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 88.0 | 88.4 | 88.4 | 93.2 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 500 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 88.4 | 88.7 | 88.7 | 93.8 | 93.8 | 93.8 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 400 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 89.0 | 89.4 | 89.4 | 94.9 | 94.9 | 94.9 | 95.9 | 96.6 | 96.9 | 96.9 | 96.9 |
| GE 300 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 89.0 | 89.4 | 89.4 | 95.5 | 95.5 | 95.5 | 96.6 | 97.3 | 97.6 | 97.6 | 97.9 |
| GE 200 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 89.0 | 89.4 | 89.4 | 95.5 | 95.5 | 95.5 | 96.9 | 97.9 | 98.3 | 98.3 | 99.3 |
| GE 100 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 89.0 | 89.4 | 89.4 | 95.5 | 95.5 | 95.5 | 96.9 | 97.9 | 98.3 | 98.3 | 100.0 |
| GE 0 | 3.1 | 67.1 | 67.1 | 67.1 | 67.1 | 89.0 | 89.4 | 89.4 | 95.5 | 95.5 | 95.5 | 96.9 | 97.9 | 98.3 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 1700-1900

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 3.5 | 19.6 | 19.6 | 19.6 | 19.6 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 |
| GE 20000 | 4.6 | 23.5 | 23.5 | 23.5 | 23.5 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 18000 | 4.6 | 23.5 | 23.5 | 23.5 | 23.5 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 16000 | 4.6 | 23.5 | 23.5 | 23.5 | 23.5 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 14000 | 4.6 | 23.5 | 23.5 | 23.5 | 23.5 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 12000 | 4.6 | 23.5 | 23.5 | 23.5 | 23.5 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 10000 | 4.9 | 35.8 | 35.8 | 35.8 | 35.8 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| GE 9000 | 4.9 | 35.8 | 35.8 | 35.8 | 35.8 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| GE 8000 | 4.9 | 35.8 | 35.8 | 35.8 | 35.8 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| GE 7000 | 4.9 | 35.8 | 35.8 | 35.8 | 35.8 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| GE 6000 | 4.9 | 36.1 | 36.1 | 36.1 | 36.1 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 5000 | 4.9 | 36.5 | 36.5 | 36.5 | 36.5 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 |
| GE 4500 | 4.9 | 37.5 | 37.5 | 37.5 | 37.5 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 |
| GE 4000 | 4.9 | 39.6 | 39.6 | 39.6 | 39.6 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| GE 3500 | 4.9 | 39.6 | 39.6 | 39.6 | 39.6 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| GE 3000 | 5.3 | 41.8 | 41.8 | 41.8 | 41.8 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| GE 2500 | 5.6 | 65.3 | 65.3 | 65.3 | 65.3 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 2000 | 6.0 | 67.7 | 67.7 | 67.7 | 67.7 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 1800 | 6.0 | 70.5 | 70.5 | 70.5 | 70.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 1500 | 6.0 | 71.9 | 71.9 | 71.9 | 71.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 1200 | 6.0 | 79.3 | 79.3 | 79.3 | 79.3 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 1000 | 6.0 | 90.0 | 90.0 | 90.0 | 90.0 | 93.3 | 93.3 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 900 | 6.0 | 90.4 | 90.4 | 90.4 | 90.4 | 94.0 | 94.0 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 800 | 6.0 | 90.4 | 90.4 | 90.4 | 90.4 | 94.7 | 94.7 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 700 | 6.0 | 90.4 | 90.4 | 90.4 | 90.4 | 95.4 | 95.4 | 95.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 600 | 6.0 | 90.4 | 90.4 | 90.4 | 90.4 | 96.1 | 96.1 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 500 | 6.0 | 90.4 | 90.4 | 90.4 | 90.4 | 96.1 | 96.1 | 96.1 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 400 | 6.0 | 90.7 | 90.7 | 90.7 | 90.7 | 96.8 | 96.8 | 96.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | 6.0 | 90.7 | 90.7 | 90.7 | 90.7 | 96.8 | 96.8 | 96.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 200 | 6.0 | 90.7 | 90.7 | 90.7 | 90.7 | 96.8 | 96.8 | 96.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 100 | 6.0 | 90.7 | 90.7 | 90.7 | 90.7 | 96.8 | 96.8 | 96.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 |
| GE 0 | 6.0 | 90.7 | 90.7 | 90.7 | 90.7 | 96.8 | 96.8 | 96.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS: 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------|---------|-------|-------|---------|-------|-----------|-----------|------------|-----------|-------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | 2 1/2 | GE
2 | 1 1/2 | 1 1/4 | GE
1 | 3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | OF |
| NO CEIL | 3.4 | 17.7 | 17.7 | 17.7 | 17.7 | 16.4 | 18.4 | 18.4 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 |
| GE 20000 | 3.4 | 20.5 | 20.5 | 20.8 | 20.8 | 21.5 | 21.5 | 21.5 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 18000 | 3.4 | 20.5 | 20.5 | 20.8 | 20.8 | 21.5 | 21.5 | 21.5 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 16000 | 3.4 | 20.5 | 20.5 | 20.8 | 20.8 | 21.5 | 21.5 | 21.5 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 14000 | 3.4 | 20.5 | 20.5 | 20.8 | 20.8 | 21.5 | 21.5 | 21.5 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 12000 | 3.4 | 20.5 | 20.5 | 20.8 | 20.8 | 21.5 | 21.5 | 21.5 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 10000 | 4.4 | 30.0 | 30.0 | 30.4 | 30.4 | 32.4 | 32.4 | 32.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| GE 9000 | 4.4 | 30.0 | 30.0 | 30.4 | 30.4 | 32.4 | 32.4 | 32.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| GE 8000 | 4.4 | 30.0 | 30.0 | 30.4 | 30.4 | 32.4 | 32.4 | 32.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| GE 7000 | 4.4 | 30.0 | 30.0 | 30.4 | 30.4 | 32.4 | 32.4 | 32.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| GE 6000 | 4.4 | 30.0 | 30.0 | 30.4 | 30.4 | 32.4 | 32.4 | 32.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| GE 5000 | 5.1 | 31.4 | 31.4 | 31.7 | 31.7 | 33.8 | 33.8 | 33.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 4500 | 5.5 | 32.1 | 32.1 | 32.4 | 32.4 | 34.5 | 34.5 | 34.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| GE 4000 | 6.1 | 36.5 | 36.5 | 36.9 | 36.9 | 39.2 | 39.2 | 39.2 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 |
| GE 3500 | 6.1 | 37.5 | 37.5 | 37.9 | 37.9 | 40.6 | 40.6 | 40.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 |
| GE 3000 | 6.5 | 42.3 | 42.3 | 42.7 | 42.7 | 45.4 | 45.4 | 45.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 2500 | 7.2 | 67.2 | 67.2 | 67.6 | 67.6 | 71.7 | 71.7 | 71.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 2000 | 7.5 | 72.7 | 72.7 | 73.0 | 73.0 | 77.5 | 77.5 | 77.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 1800 | 7.8 | 74.4 | 74.4 | 74.7 | 74.7 | 79.2 | 79.2 | 79.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 1500 | 7.8 | 78.2 | 78.2 | 78.5 | 78.5 | 84.0 | 84.0 | 84.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 1200 | 7.8 | 86.3 | 86.3 | 86.7 | 86.7 | 94.5 | 94.5 | 94.5 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 1000 | 7.8 | 87.0 | 87.0 | 87.4 | 87.4 | 95.2 | 95.2 | 95.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 900 | 7.8 | 87.7 | 87.7 | 88.1 | 88.1 | 96.2 | 96.2 | 96.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 800 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 96.6 | 96.6 | 96.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 700 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 96.6 | 96.6 | 96.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 600 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 96.9 | 96.9 | 97.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 96.9 | 96.9 | 97.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 97.6 | 97.6 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 97.6 | 97.6 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 97.6 | 97.6 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 97.6 | 97.6 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 7.8 | 88.1 | 88.1 | 88.4 | 88.4 | 97.6 | 97.6 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS/STATION: 1800-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 |
| NO CEIL | 1 | 3.8 | 21.5 | 21.5 | 21.5 | 21.5 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 |
| GE 20000 | 4.2 | 24.6 | 24.6 | 24.6 | 24.6 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 18000 | 4.2 | 24.6 | 24.6 | 24.6 | 24.6 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 16000 | 4.2 | 24.6 | 24.6 | 24.6 | 24.6 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 14000 | 4.2 | 24.6 | 24.6 | 24.6 | 24.6 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 12000 | 4.2 | 24.6 | 24.6 | 24.6 | 24.6 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| GE 10000 | 5.5 | 36.7 | 36.7 | 36.7 | 36.7 | 38.4 | 38.4 | 38.4 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| GE 9000 | 5.5 | 36.7 | 36.7 | 36.7 | 36.7 | 38.4 | 38.4 | 38.4 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| GE 8000 | 5.5 | 36.7 | 36.7 | 36.7 | 36.7 | 38.4 | 38.4 | 38.4 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| GE 7000 | 5.5 | 36.7 | 36.7 | 36.7 | 36.7 | 38.4 | 38.4 | 38.4 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| GE 6000 | 5.5 | 36.7 | 36.7 | 36.7 | 36.7 | 38.4 | 38.4 | 38.4 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| GE 5000 | 5.9 | 37.4 | 37.4 | 37.4 | 37.4 | 39.1 | 39.1 | 39.1 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| GE 4500 | 5.9 | 38.8 | 38.8 | 38.8 | 38.8 | 40.5 | 40.5 | 40.5 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| GE 4000 | 5.9 | 41.2 | 41.2 | 41.2 | 41.2 | 42.9 | 42.9 | 42.9 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| GE 3500 | 5.9 | 43.6 | 43.6 | 43.6 | 43.6 | 45.3 | 45.3 | 45.3 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| GE 3000 | 6.6 | 47.4 | 47.4 | 47.4 | 47.4 | 49.5 | 49.5 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| GE 2500 | 6.6 | 70.9 | 70.9 | 70.9 | 70.9 | 73.7 | 73.7 | 73.7 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 2000 | 6.9 | 73.7 | 73.7 | 73.7 | 73.7 | 76.5 | 76.5 | 76.5 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 1800 | 7.3 | 75.1 | 75.1 | 75.1 | 75.1 | 78.2 | 78.2 | 78.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| GE 1500 | 7.3 | 77.9 | 77.9 | 77.9 | 77.9 | 81.7 | 81.7 | 81.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 1200 | 7.3 | 85.8 | 85.8 | 85.8 | 85.8 | 91.0 | 91.0 | 91.0 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 1000 | 7.3 | 86.5 | 86.5 | 86.5 | 86.5 | 92.4 | 92.4 | 92.4 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 900 | 7.3 | 87.2 | 87.2 | 87.2 | 87.2 | 93.1 | 93.1 | 93.1 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 800 | 7.3 | 87.9 | 87.9 | 87.9 | 87.9 | 94.8 | 94.8 | 94.8 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 700 | 7.3 | 88.6 | 88.6 | 88.6 | 88.6 | 95.8 | 95.8 | 95.8 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 600 | 7.3 | 88.6 | 88.6 | 88.6 | 88.6 | 95.8 | 95.8 | 95.8 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 500 | 7.3 | 88.6 | 88.6 | 88.6 | 88.6 | 96.2 | 96.2 | 96.2 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 400 | 7.3 | 88.9 | 88.9 | 88.9 | 88.9 | 96.9 | 96.9 | 96.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 7.3 | 88.9 | 88.9 | 88.9 | 88.9 | 96.9 | 96.9 | 96.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 7.3 | 88.9 | 88.9 | 88.9 | 88.9 | 96.9 | 96.9 | 96.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 100 | 7.3 | 88.9 | 88.9 | 88.9 | 88.9 | 96.9 | 96.9 | 96.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 01 | 7.3 | 88.9 | 88.9 | 88.9 | 88.9 | 96.9 | 96.9 | 96.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | VISIBILITY IN STATUTE MILES | | | | | | | VISIBILITY IN STATUTE MILES | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-----------------------------|-------------|---------|-----------|-----------|-----------|------------|-----------------------------|-----------|------------|------------|------------|-------------|-------------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 | GE
1/16 | GE
1/32 | GE
1/64 | GE
1/128 | GE
1/256 |
| NO CEIL | .7 | 23.6 | 23.6 | 23.6 | 23.6 | 27.6 | 27.6 | 27.6 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| GE 20000 | .7 | 24.6 | 24.6 | 24.6 | 24.6 | 29.0 | 29.0 | 29.0 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| GE 18000 | .7 | 24.6 | 24.6 | 24.6 | 24.6 | 29.0 | 29.0 | 29.0 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| GE 16000 | .7 | 24.6 | 24.6 | 24.6 | 24.6 | 29.0 | 29.0 | 29.0 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| GE 14000 | .7 | 24.6 | 24.6 | 24.6 | 24.6 | 29.0 | 29.0 | 29.0 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| GE 12000 | .7 | 24.6 | 24.6 | 24.6 | 24.6 | 29.0 | 29.0 | 29.0 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| GE 10000 | .7 | 35.4 | 35.4 | 35.4 | 35.4 | 41.1 | 41.1 | 41.1 | 41.8 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 9000 | .7 | 35.4 | 35.4 | 35.4 | 35.4 | 41.1 | 41.1 | 41.1 | 41.8 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 8000 | .7 | 35.4 | 35.4 | 35.4 | 35.4 | 41.1 | 41.1 | 41.1 | 41.8 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 7000 | .7 | 35.4 | 35.4 | 35.4 | 35.4 | 41.1 | 41.1 | 41.1 | 41.8 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 6000 | .7 | 35.4 | 35.4 | 35.4 | 35.4 | 41.1 | 41.1 | 41.1 | 41.8 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| GE 5000 | 1.0 | 38.7 | 38.7 | 38.7 | 38.7 | 44.4 | 44.4 | 44.4 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| GE 4500 | 1.0 | 39.7 | 39.7 | 39.7 | 39.7 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 4000 | 1.0 | 42.1 | 42.1 | 42.1 | 42.1 | 48.5 | 48.5 | 48.5 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| GE 3500 | 1.0 | 44.8 | 44.8 | 44.8 | 44.8 | 51.2 | 51.2 | 51.2 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| GE 3000 | 1.0 | 47.8 | 47.8 | 47.8 | 47.8 | 54.2 | 54.2 | 54.2 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| GE 2500 | 1.0 | 65.7 | 65.7 | 65.7 | 65.7 | 73.4 | 73.4 | 73.4 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 2000 | 1.0 | 69.0 | 69.0 | 69.0 | 69.0 | 78.5 | 78.5 | 78.5 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 1800 | 1.0 | 70.4 | 70.4 | 70.4 | 70.4 | 79.8 | 79.8 | 79.8 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 1500 | 1.0 | 72.4 | 72.4 | 72.4 | 72.4 | 81.8 | 81.8 | 81.8 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 1200 | 1.0 | 78.1 | 78.1 | 78.1 | 78.1 | 88.9 | 88.9 | 88.9 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 1000 | 1.0 | 78.1 | 78.1 | 78.1 | 78.1 | 90.6 | 90.6 | 90.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 900 | 1.0 | 78.1 | 78.1 | 78.1 | 78.1 | 90.9 | 90.9 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 800 | 1.0 | 78.8 | 78.8 | 78.8 | 78.8 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 700 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 94.9 | 94.9 | 94.9 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 600 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 500 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 95.6 | 95.6 | 95.6 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 400 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 300 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 200 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 100 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 0 | 1.0 | 80.1 | 80.1 | 80.1 | 80.1 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 26063 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 7P-RT
MONTH: SEP HOURS(UT): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|------|----------|----------|------|--------|--------|--------|---------|--------|--------|------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 | |
| NO CEIL | 1 | 1.6 | 22.8 | 22.8 | 22.9 | 22.9 | 26.7 | 26.7 | 26.7 | 27.5 | 27.7 | 27.8 | 27.9 | 27.9 | 28.1 | 28.2 | 28.5 |
| GE 20000 | 1.9 | 24.7 | 24.7 | 24.8 | 24.8 | 28.7 | 28.7 | 28.7 | 29.5 | 29.7 | 29.8 | 30.0 | 30.0 | 30.0 | 30.1 | 30.3 | 30.6 |
| GE 18000 | 1.9 | 24.7 | 24.7 | 24.8 | 24.8 | 28.7 | 28.7 | 28.7 | 29.5 | 29.7 | 29.8 | 30.0 | 30.0 | 30.0 | 30.1 | 30.3 | 30.6 |
| GE 16000 | 1.9 | 24.7 | 24.7 | 24.8 | 24.8 | 28.7 | 28.7 | 28.7 | 29.5 | 29.7 | 29.8 | 30.0 | 30.0 | 30.0 | 30.1 | 30.3 | 30.6 |
| GE 14000 | 1.9 | 24.7 | 24.7 | 24.8 | 24.8 | 28.7 | 28.7 | 28.7 | 29.5 | 29.7 | 29.8 | 30.0 | 30.0 | 30.0 | 30.1 | 30.3 | 30.6 |
| GE 12000 | 1.9 | 24.7 | 24.7 | 24.8 | 24.8 | 28.7 | 28.7 | 28.7 | 29.5 | 29.7 | 29.8 | 30.0 | 30.0 | 30.0 | 30.1 | 30.3 | 30.6 |
| GE 10000 | 2.3 | 33.6 | 33.6 | 33.7 | 33.7 | 39.3 | 39.3 | 39.3 | 40.6 | 40.9 | 40.9 | 41.2 | 41.2 | 41.2 | 41.3 | 41.5 | 41.8 |
| GE 9000 | 2.3 | 33.6 | 33.6 | 33.7 | 33.7 | 39.3 | 39.3 | 39.3 | 40.6 | 40.9 | 40.9 | 41.2 | 41.2 | 41.2 | 41.3 | 41.5 | 41.8 |
| GE 8000 | 2.3 | 33.6 | 33.6 | 33.7 | 33.7 | 39.3 | 39.3 | 39.3 | 40.6 | 40.9 | 40.9 | 41.2 | 41.2 | 41.2 | 41.3 | 41.5 | 41.8 |
| GE 7000 | 2.3 | 33.6 | 33.6 | 33.7 | 33.7 | 39.3 | 39.3 | 39.3 | 40.6 | 40.9 | 40.9 | 41.2 | 41.2 | 41.2 | 41.3 | 41.5 | 41.8 |
| GE 6000 | 2.3 | 33.7 | 33.7 | 33.8 | 33.8 | 39.3 | 39.3 | 39.3 | 40.7 | 40.9 | 41.0 | 41.2 | 41.2 | 41.3 | 41.5 | 41.7 | 41.9 |
| GE 5000 | 2.5 | 35.2 | 35.2 | 35.3 | 35.3 | 40.9 | 40.9 | 40.9 | 42.3 | 42.5 | 42.6 | 42.8 | 42.9 | 43.0 | 43.1 | 43.3 | 43.6 |
| GE 4500 | 2.5 | 35.9 | 35.9 | 36.0 | 36.0 | 41.7 | 41.7 | 41.7 | 43.0 | 43.3 | 43.4 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.3 |
| GE 4000 | 2.6 | 38.6 | 38.6 | 38.7 | 38.7 | 44.8 | 44.8 | 44.8 | 46.2 | 46.4 | 46.5 | 46.7 | 46.8 | 46.9 | 47.1 | 47.2 | 47.4 |
| GE 3500 | 2.6 | 39.9 | 39.9 | 39.9 | 39.9 | 46.2 | 46.2 | 46.2 | 47.6 | 47.9 | 48.0 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.8 |
| GE 3000 | 2.8 | 42.4 | 42.4 | 42.5 | 42.5 | 49.2 | 49.2 | 49.2 | 50.6 | 50.8 | 50.9 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.8 |
| GE 2500 | 3.0 | 60.8 | 60.8 | 60.9 | 60.9 | 68.8 | 68.8 | 68.8 | 70.4 | 70.7 | 70.8 | 71.0 | 71.0 | 71.1 | 71.2 | 71.3 | 71.6 |
| GE 2000 | 3.1 | 63.5 | 63.5 | 63.6 | 63.6 | 72.1 | 72.1 | 72.1 | 73.7 | 74.1 | 74.2 | 74.5 | 74.5 | 74.6 | 74.7 | 74.8 | 75.1 |
| GE 1800 | 3.2 | 64.7 | 64.7 | 64.8 | 64.8 | 73.7 | 73.7 | 73.7 | 75.4 | 75.8 | 75.9 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.8 |
| GE 1500 | 3.2 | 66.8 | 66.8 | 66.9 | 66.9 | 76.4 | 76.4 | 76.4 | 78.2 | 78.6 | 78.7 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.6 |
| GE 1200 | 3.2 | 73.9 | 73.9 | 74.0 | 74.0 | 86.4 | 86.5 | 86.5 | 88.5 | 89.0 | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.7 | 90.0 |
| GE 1000 | 3.3 | 74.8 | 74.8 | 74.9 | 74.9 | 88.5 | 88.5 | 88.5 | 90.9 | 91.3 | 91.4 | 91.7 | 91.7 | 91.8 | 91.9 | 92.0 | 92.3 |
| GE 900 | 3.3 | 75.1 | 75.1 | 75.2 | 75.2 | 89.0 | 89.0 | 89.0 | 91.4 | 91.9 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.6 | 92.9 |
| GE 800 | 3.3 | 75.6 | 75.6 | 75.7 | 75.7 | 90.2 | 90.3 | 90.3 | 92.6 | 93.1 | 93.2 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.2 |
| GE 700 | 3.3 | 76.0 | 76.0 | 76.1 | 76.1 | 91.3 | 91.3 | 91.3 | 94.1 | 94.6 | 94.7 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.7 |
| GE 600 | 3.3 | 76.1 | 76.1 | 76.2 | 76.2 | 91.8 | 91.8 | 91.8 | 94.8 | 95.4 | 95.5 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.5 |
| GE 500 | 3.3 | 76.1 | 76.1 | 76.2 | 76.2 | 92.1 | 92.1 | 92.1 | 95.4 | 96.0 | 96.1 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 97.1 |
| GE 400 | 3.3 | 76.2 | 76.2 | 76.3 | 76.3 | 92.8 | 92.8 | 92.8 | 96.3 | 96.9 | 97.0 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 98.0 |
| GE 300 | 3.3 | 76.2 | 76.2 | 76.3 | 76.3 | 92.8 | 92.8 | 92.8 | 96.3 | 96.9 | 97.0 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 98.0 |
| GE 200 | 3.3 | 76.2 | 76.2 | 76.3 | 76.3 | 92.8 | 92.9 | 92.9 | 96.4 | 97.0 | 97.1 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 98.1 |
| GE 100 | 3.3 | 76.2 | 76.2 | 76.3 | 76.3 | 92.8 | 92.9 | 92.9 | 96.4 | 97.0 | 97.1 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 98.1 |
| GE | CL | 3.3 | 76.2 | 76.2 | 76.3 | 76.3 | 92.8 | 92.9 | 96.4 | 97.0 | 97.1 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 98.1 |

TOTAL NUMBER OF OBSERVATIONS: 2323

GLOBAL CLIMATOLOGY BRANCH
 SAFETYAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(IST): 0000-0200

| VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| CEILING
IN
FEET | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | | 27.0 | 27.0 | 27.3 | 27.3 | 30.0 | 30.0 | 30.0 | 31.0 | 31.0 | 31.0 | 31.7 | 31.7 | 32.0 | 32.0 | 32.0 |
| GE 20000 | | 27.7 | 27.7 | 28.0 | 28.0 | 30.7 | 30.7 | 30.7 | 31.7 | 31.7 | 31.7 | 32.3 | 32.3 | 32.7 | 32.7 | 32.7 |
| GE 18000 | | 27.7 | 27.7 | 28.0 | 28.0 | 30.7 | 30.7 | 30.7 | 31.7 | 31.7 | 31.7 | 32.3 | 32.3 | 32.7 | 32.7 | 32.7 |
| GE 16000 | | 27.7 | 27.7 | 28.0 | 28.0 | 30.7 | 30.7 | 30.7 | 31.7 | 31.7 | 31.7 | 32.3 | 32.3 | 32.7 | 32.7 | 32.7 |
| GE 14000 | | 27.7 | 27.7 | 28.0 | 28.0 | 30.7 | 30.7 | 30.7 | 31.7 | 31.7 | 31.7 | 32.3 | 32.3 | 32.7 | 32.7 | 32.7 |
| GE 12000 | | 27.7 | 27.7 | 28.0 | 28.0 | 30.7 | 30.7 | 30.7 | 31.7 | 31.7 | 31.7 | 32.3 | 32.3 | 32.7 | 32.7 | 32.7 |
| GE 10000 | | 35.0 | 35.0 | 35.3 | 35.3 | 39.3 | 39.3 | 39.3 | 40.3 | 40.3 | 40.3 | 41.0 | 41.0 | 41.3 | 41.3 | 41.3 |
| GE 9000 | | 35.0 | 35.0 | 35.3 | 35.3 | 39.3 | 39.3 | 39.3 | 40.3 | 40.3 | 40.3 | 41.0 | 41.0 | 41.3 | 41.3 | 41.3 |
| GE 8000 | | 35.0 | 35.0 | 35.3 | 35.3 | 39.3 | 39.3 | 39.3 | 40.3 | 40.3 | 40.3 | 41.0 | 41.0 | 41.3 | 41.3 | 41.3 |
| GE 7000 | | 35.0 | 35.0 | 35.3 | 35.3 | 39.3 | 39.3 | 39.3 | 40.3 | 40.3 | 40.3 | 41.0 | 41.0 | 41.3 | 41.3 | 41.3 |
| GE 6000 | | 35.0 | 35.0 | 35.3 | 35.3 | 39.3 | 39.3 | 39.3 | 40.3 | 40.3 | 40.3 | 41.0 | 41.0 | 41.3 | 41.3 | 41.3 |
| GE 5000 | | 35.7 | 35.7 | 36.0 | 36.0 | 40.3 | 40.3 | 40.3 | 41.3 | 41.3 | 41.3 | 42.0 | 42.0 | 42.3 | 42.3 | 42.7 |
| GE 4500 | | 36.3 | 36.3 | 36.7 | 36.7 | 41.0 | 41.0 | 41.0 | 42.0 | 42.0 | 42.0 | 42.7 | 42.7 | 43.0 | 43.0 | 43.3 |
| GE 4000 | | 40.0 | 40.0 | 40.3 | 40.3 | 44.7 | 44.7 | 44.7 | 45.7 | 45.7 | 45.7 | 46.3 | 46.3 | 46.7 | 46.7 | 47.0 |
| GE 3500 | | 40.7 | 40.7 | 41.3 | 41.3 | 46.0 | 46.0 | 46.0 | 47.0 | 47.0 | 47.0 | 47.7 | 47.7 | 48.0 | 48.0 | 48.3 |
| GE 3000 | | 43.7 | 43.7 | 44.3 | 44.3 | 50.0 | 50.0 | 50.0 | 51.3 | 51.3 | 51.3 | 52.0 | 52.0 | 52.3 | 52.3 | 52.7 |
| GE 2500 | | 54.0 | 54.0 | 54.7 | 54.7 | 61.7 | 61.7 | 61.7 | 63.0 | 63.0 | 63.0 | 63.7 | 63.7 | 64.0 | 64.0 | 64.3 |
| GE 2000 | | 59.3 | 59.3 | 60.3 | 60.3 | 68.3 | 68.3 | 68.3 | 70.0 | 70.0 | 70.0 | 71.0 | 71.0 | 71.3 | 71.3 | 71.7 |
| GE 1800 | | 61.3 | 61.3 | 62.3 | 62.3 | 71.3 | 71.3 | 71.3 | 73.0 | 73.0 | 73.0 | 74.0 | 74.0 | 74.3 | 74.3 | 74.7 |
| GE 1500 | | 64.3 | 64.3 | 65.3 | 65.3 | 76.3 | 76.3 | 76.3 | 78.0 | 78.0 | 78.0 | 79.0 | 79.0 | 79.3 | 79.3 | 79.7 |
| GE 1200 | | 70.0 | 70.0 | 71.7 | 71.7 | 84.3 | 84.3 | 84.3 | 86.0 | 86.0 | 86.0 | 87.0 | 87.0 | 87.3 | 87.3 | 87.7 |
| GE 1000 | | 71.7 | 72.0 | 73.7 | 74.3 | 87.3 | 87.7 | 87.7 | 89.7 | 90.0 | 90.0 | 90.7 | 90.7 | 91.0 | 91.0 | 91.3 |
| GE 900 | | 71.7 | 72.0 | 73.7 | 74.3 | 88.0 | 88.3 | 88.3 | 90.3 | 90.7 | 90.7 | 91.3 | 91.3 | 91.7 | 91.7 | 92.0 |
| GE 800 | | 71.7 | 72.0 | 73.7 | 74.3 | 89.0 | 89.3 | 89.3 | 91.7 | 92.3 | 92.3 | 93.0 | 93.0 | 93.3 | 93.3 | 93.7 |
| GE 700 | | 72.0 | 72.3 | 74.0 | 74.7 | 89.7 | 90.0 | 90.0 | 92.7 | 93.3 | 93.3 | 94.0 | 94.0 | 94.3 | 94.3 | 94.7 |
| GE 600 | | 72.7 | 73.0 | 74.7 | 75.3 | 90.7 | 91.0 | 91.0 | 94.3 | 95.0 | 95.0 | 95.7 | 95.7 | 96.0 | 96.0 | 96.3 |
| GE 500 | | 72.7 | 73.0 | 74.7 | 75.3 | 91.3 | 91.7 | 91.7 | 95.3 | 96.0 | 96.0 | 96.7 | 96.7 | 97.0 | 97.0 | 97.3 |
| GE 400 | | 72.7 | 73.0 | 74.7 | 75.3 | 91.7 | 92.0 | 92.3 | 96.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.3 | 98.3 | 98.7 |
| GE 300 | | 72.7 | 73.0 | 74.7 | 75.3 | 91.7 | 92.0 | 92.3 | 96.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.3 | 98.3 | 98.7 |
| GE 200 | | 73.0 | 73.3 | 75.0 | 75.7 | 92.0 | 92.3 | 92.7 | 96.7 | 97.7 | 97.7 | 98.3 | 98.3 | 98.7 | 98.7 | 99.7 |
| GE 100 | | 73.0 | 73.3 | 75.0 | 75.7 | 92.0 | 92.3 | 92.7 | 96.7 | 97.7 | 97.7 | 98.3 | 98.3 | 99.0 | 99.0 | 100.0 |
| GE 0 | | 73.0 | 73.3 | 75.0 | 75.7 | 92.0 | 92.3 | 92.7 | 96.7 | 97.7 | 97.7 | 98.3 | 98.3 | 99.0 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(UT): 0300-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----|------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|
| | 1 | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | 1 | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 |
| NO CEIL | | | 22.9 | 23.2 | 23.2 | 23.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| GE 20000 | | | 23.9 | 24.2 | 24.2 | 24.2 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| GE 18000 | | | 23.9 | 24.2 | 24.2 | 24.2 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| GE 16000 | | | 23.9 | 24.2 | 24.2 | 24.2 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| GE 14000 | | | 23.9 | 24.2 | 24.2 | 24.2 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| GE 12000 | | | 23.9 | 24.2 | 24.2 | 24.2 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| GE 10000 | | | 31.0 | 31.7 | 31.7 | 31.7 | 35.9 | 35.9 | 35.9 | 36.3 | 36.6 | 36.6 | 36.6 | 37.3 | 37.3 | 37.6 |
| GE 9000 | | | 31.0 | 31.7 | 31.7 | 31.7 | 35.9 | 35.9 | 35.9 | 36.3 | 36.6 | 36.6 | 36.6 | 37.3 | 37.3 | 37.6 |
| GE 8000 | | | 31.0 | 31.7 | 31.7 | 31.7 | 35.9 | 35.9 | 35.9 | 36.3 | 36.6 | 36.6 | 36.6 | 37.3 | 37.3 | 37.6 |
| GE 7000 | | | 31.0 | 31.7 | 31.7 | 31.7 | 35.9 | 35.9 | 35.9 | 36.3 | 36.6 | 36.6 | 36.6 | 37.3 | 37.3 | 37.6 |
| GE 6000 | | | 31.0 | 31.7 | 31.7 | 31.7 | 35.9 | 35.9 | 35.9 | 36.3 | 36.6 | 36.6 | 36.6 | 37.3 | 37.3 | 37.6 |
| GE 5000 | | | 32.4 | 33.0 | 33.0 | 33.0 | 37.3 | 37.3 | 37.3 | 37.6 | 37.9 | 37.9 | 37.9 | 38.6 | 38.6 | 38.9 |
| GE 4500 | | | 33.7 | 34.3 | 34.3 | 34.3 | 38.6 | 38.6 | 38.6 | 38.9 | 39.2 | 39.2 | 39.2 | 39.9 | 39.9 | 40.2 |
| GE 4000 | | | 35.0 | 35.6 | 35.6 | 35.6 | 40.2 | 40.2 | 40.2 | 40.5 | 40.8 | 40.8 | 40.8 | 41.5 | 41.5 | 41.8 |
| GE 3500 | | | 35.6 | 36.3 | 36.3 | 36.3 | 40.8 | 40.8 | 40.8 | 41.2 | 41.5 | 41.5 | 41.5 | 42.2 | 42.2 | 42.5 |
| GE 3000 | | | 39.2 | 39.9 | 39.9 | 39.9 | 44.4 | 44.4 | 44.4 | 44.8 | 45.1 | 45.1 | 45.1 | 45.8 | 45.8 | 46.1 |
| GE 2500 | | | 50.7 | 51.6 | 52.0 | 52.0 | 58.2 | 58.2 | 58.2 | 58.5 | 58.8 | 58.8 | 58.8 | 59.5 | 59.5 | 59.8 |
| GE 2000 | .3 | | 55.2 | 56.2 | 56.5 | 56.5 | 63.4 | 63.4 | 63.4 | 63.7 | 64.1 | 64.1 | 64.1 | 65.0 | 65.0 | 65.4 |
| GE 1800 | .3 | | 55.2 | 56.2 | 56.5 | 56.5 | 64.7 | 64.7 | 64.7 | 65.4 | 65.7 | 65.7 | 65.7 | 66.7 | 66.7 | 67.0 |
| GE 1600 | .3 | | 59.5 | 60.5 | 60.8 | 60.8 | 70.6 | 70.6 | 70.6 | 71.6 | 71.9 | 71.9 | 71.9 | 72.9 | 72.9 | 73.5 |
| GE 1400 | .3 | | 65.0 | 66.3 | 67.0 | 67.3 | 78.1 | 78.1 | 78.1 | 80.1 | 80.4 | 80.4 | 80.4 | 81.4 | 81.4 | 82.0 |
| GE 1200 | .3 | | 66.3 | 67.6 | 68.3 | 68.6 | 81.0 | 81.0 | 81.0 | 83.7 | 84.0 | 84.3 | 84.3 | 85.0 | 85.0 | 85.6 |
| GE 1000 | .3 | | 67.3 | 68.6 | 69.3 | 69.6 | 82.0 | 82.0 | 82.0 | 84.6 | 85.0 | 85.3 | 85.3 | 85.9 | 85.9 | 86.6 |
| GE 900 | .3 | | 67.6 | 69.0 | 69.6 | 70.3 | 83.7 | 83.7 | 83.7 | 86.3 | 86.6 | 86.9 | 86.9 | 87.6 | 87.6 | 88.2 |
| GE 800 | .3 | | 69.0 | 70.3 | 71.2 | 71.9 | 86.9 | 86.9 | 87.3 | 89.9 | 90.2 | 90.5 | 90.5 | 91.2 | 91.2 | 91.8 |
| GE 700 | .3 | | 69.0 | 70.3 | 71.2 | 71.9 | 86.9 | 86.9 | 87.3 | 89.9 | 90.2 | 90.5 | 90.5 | 91.2 | 91.2 | 91.8 |
| GE 600 | .3 | | 69.0 | 70.3 | 71.2 | 71.9 | 86.9 | 86.9 | 87.3 | 89.9 | 90.2 | 90.5 | 90.5 | 91.2 | 91.2 | 91.8 |
| GE 500 | .3 | | 69.6 | 70.9 | 72.2 | 72.9 | 89.5 | 89.5 | 89.9 | 93.5 | 94.4 | 94.8 | 94.8 | 95.4 | 95.4 | 96.1 |
| GE 400 | .3 | | 69.9 | 71.2 | 72.9 | 73.5 | 90.5 | 90.5 | 90.8 | 95.1 | 96.1 | 96.4 | 96.4 | 97.4 | 97.4 | 98.0 |
| GE 300 | .3 | | 69.9 | 71.2 | 72.9 | 73.5 | 90.5 | 90.5 | 90.8 | 95.1 | 96.1 | 96.4 | 96.4 | 97.4 | 97.4 | 98.4 |
| GE 200 | .3 | | 69.9 | 71.2 | 72.9 | 73.5 | 90.5 | 90.5 | 90.8 | 95.1 | 96.1 | 96.4 | 96.4 | 97.4 | 97.4 | 98.4 |
| GE 100 | .3 | | 69.9 | 71.2 | 72.9 | 73.5 | 90.5 | 90.5 | 90.8 | 95.1 | 96.1 | 96.4 | 96.4 | 97.4 | 97.4 | 98.4 |
| GE 0 | .3 | | 69.9 | 71.2 | 72.9 | 73.5 | 90.5 | 90.5 | 90.8 | 95.1 | 96.1 | 96.4 | 96.4 | 97.4 | 97.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): 0600-0800

| CEILING
IN
FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | GE | | | | | | GE | | | | | |
|-----------------------|----|-----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|------|----|
| | | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 1/8 | 0 | |
| NO CEIL | 1 | .3 | 17.8 | 17.8 | 17.8 | 17.8 | 20.5 | 20.5 | 20.5 | 21.9 | 22.2 | 22.2 | 22.6 | 22.6 | 22.9 | 22.9 | 23.2 | 23.2 | |
| GE 20000 | .3 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 21.2 | 21.2 | 21.2 | 22.6 | 22.9 | 22.9 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | 23.6 | |
| GE 18000 | .3 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 21.2 | 21.2 | 21.2 | 22.6 | 22.9 | 22.9 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | 23.6 | |
| GE 16000 | .3 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 21.2 | 21.2 | 21.2 | 22.6 | 22.9 | 22.9 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | 23.6 | |
| GE 14000 | .3 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 21.2 | 21.2 | 21.2 | 22.6 | 22.9 | 22.9 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | 23.6 | |
| GE 12000 | .3 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 21.2 | 21.2 | 21.2 | 22.6 | 22.9 | 22.9 | 23.2 | 23.2 | 23.6 | 23.6 | 23.6 | 23.6 | |
| GE 10000 | .3 | 23.9 | 23.9 | 23.9 | 23.9 | 29.3 | 29.3 | 29.3 | 31.0 | 31.3 | 31.3 | 31.3 | 32.0 | 32.0 | 32.3 | 32.3 | 32.3 | 32.3 | |
| GE 9000 | .3 | 23.9 | 23.9 | 23.9 | 23.9 | 29.3 | 29.3 | 29.3 | 31.0 | 31.3 | 31.3 | 31.3 | 32.0 | 32.0 | 32.3 | 32.3 | 32.3 | 32.3 | |
| GE 8000 | .3 | 23.9 | 23.9 | 23.9 | 23.9 | 29.3 | 29.3 | 29.3 | 31.0 | 31.3 | 31.3 | 31.3 | 32.0 | 32.0 | 32.3 | 32.3 | 32.3 | 32.3 | |
| GE 7000 | .3 | 23.9 | 23.9 | 23.9 | 23.9 | 29.3 | 29.3 | 29.3 | 31.0 | 31.3 | 31.3 | 31.3 | 32.0 | 32.0 | 32.3 | 32.3 | 32.3 | 32.3 | |
| GE 6000 | .3 | 24.2 | 24.2 | 24.2 | 24.2 | 29.6 | 29.6 | 29.6 | 31.3 | 31.6 | 31.6 | 31.6 | 32.3 | 32.3 | 32.7 | 32.7 | 32.7 | 32.7 | |
| GE 5000 | .3 | 26.3 | 26.3 | 26.3 | 26.3 | 31.6 | 31.6 | 31.6 | 33.3 | 33.7 | 33.7 | 33.7 | 34.3 | 34.3 | 34.7 | 34.7 | 34.7 | 34.7 | |
| GE 4000 | .3 | 26.6 | 26.6 | 26.6 | 26.6 | 32.0 | 32.0 | 32.0 | 33.7 | 34.0 | 34.0 | 34.0 | 34.7 | 34.7 | 35.0 | 35.0 | 35.0 | 35.0 | |
| GE 3000 | .3 | 28.6 | 28.6 | 29.0 | 29.3 | 34.7 | 34.7 | 34.7 | 36.4 | 36.7 | 36.7 | 36.7 | 37.4 | 37.4 | 37.7 | 37.7 | 37.7 | 37.7 | |
| GE 2000 | .3 | 30.0 | 30.0 | 30.3 | 30.6 | 36.0 | 36.0 | 36.0 | 37.7 | 38.0 | 38.0 | 38.0 | 38.7 | 38.7 | 39.1 | 39.1 | 39.1 | 39.1 | |
| GE 1000 | .3 | 32.7 | 32.7 | 33.0 | 33.3 | 39.1 | 39.1 | 39.1 | 40.7 | 41.1 | 41.1 | 41.1 | 41.8 | 41.8 | 42.1 | 42.1 | 42.1 | 42.1 | |
| GE 500 | .3 | 44.4 | 44.4 | 45.1 | 45.5 | 52.5 | 52.5 | 52.5 | 54.5 | 54.9 | 54.9 | 54.9 | 55.6 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 | |
| GE 400 | .3 | 49.8 | 50.2 | 50.5 | 50.8 | 58.6 | 58.6 | 58.6 | 60.6 | 60.9 | 60.9 | 60.9 | 61.6 | 61.6 | 62.0 | 62.0 | 62.0 | 62.0 | |
| GE 300 | .3 | 50.8 | 51.2 | 51.5 | 51.9 | 60.3 | 60.3 | 60.3 | 62.3 | 62.6 | 62.6 | 62.6 | 63.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | |
| GE 200 | .3 | 54.5 | 54.9 | 55.2 | 55.6 | 64.0 | 64.0 | 64.0 | 66.0 | 66.3 | 66.3 | 66.3 | 67.0 | 67.0 | 67.3 | 67.3 | 67.3 | 67.3 | |
| GE 100 | .3 | 63.0 | 63.3 | 63.6 | 64.3 | 76.1 | 76.1 | 76.1 | 79.1 | 79.5 | 79.5 | 79.5 | 80.1 | 80.1 | 80.5 | 80.5 | 80.5 | 80.5 | |
| GE 50 | .3 | 66.0 | 66.7 | 67.0 | 67.7 | 80.5 | 80.5 | 80.5 | 83.8 | 84.2 | 84.2 | 84.2 | 84.8 | 84.8 | 85.5 | 85.5 | 85.5 | 85.5 | |
| GE 40 | .3 | 66.3 | 67.0 | 67.3 | 68.0 | 81.1 | 81.1 | 81.1 | 84.5 | 84.8 | 84.8 | 84.8 | 85.5 | 85.5 | 86.2 | 86.2 | 86.2 | 86.2 | |
| GE 30 | .3 | 66.3 | 67.0 | 67.3 | 68.0 | 81.5 | 81.5 | 81.5 | 85.9 | 86.2 | 86.2 | 86.2 | 86.9 | 86.9 | 87.5 | 87.5 | 87.5 | 87.5 | |
| GE 20 | .3 | 67.0 | 67.7 | 68.0 | 68.7 | 85.5 | 85.9 | 85.9 | 91.6 | 91.9 | 91.9 | 91.9 | 92.6 | 92.6 | 93.3 | 93.3 | 93.3 | 93.3 | |
| GE 10 | .3 | 68.4 | 69.0 | 69.4 | 70.0 | 86.9 | 87.5 | 87.5 | 93.6 | 94.3 | 94.3 | 94.3 | 94.9 | 94.9 | 95.6 | 95.6 | 95.6 | 95.6 | |
| GE 5 | .3 | 68.4 | 69.0 | 69.7 | 70.4 | 87.9 | 88.6 | 88.6 | 94.6 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.6 | 96.6 | 96.6 | 96.6 | |
| GE 4 | .3 | 68.4 | 69.0 | 70.0 | 70.7 | 88.6 | 89.2 | 89.2 | 95.6 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | |
| GE 3 | .3 | 68.4 | 69.0 | 70.0 | 70.7 | 88.6 | 89.2 | 89.2 | 95.6 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | |
| GE 2 | .3 | 68.4 | 69.0 | 70.0 | 70.7 | 88.6 | 89.2 | 89.2 | 95.6 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | |
| GE 1 | .3 | 68.4 | 69.0 | 70.0 | 70.7 | 88.6 | 89.2 | 89.2 | 95.6 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | |
| GE | 1 | .3 | 68.4 | 69.0 | 70.0 | 70.7 | 88.6 | 89.2 | 89.2 | 95.6 | 96.6 | 97.0 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | |

TOTAL NUMBER OF OBSERVATIONS: 227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): 0900-1100

| CEILING
IN
FEET | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL | 1.3 | 14.5 | 14.5 | 14.5 | 14.5 | 16.2 | 16.2 | 16.2 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 |
| GE 20000 | 1.3 | 15.8 | 15.8 | 15.8 | 15.8 | 18.8 | 18.8 | 18.8 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| GE 18000 | 1.3 | 15.8 | 15.8 | 15.8 | 15.8 | 18.8 | 18.8 | 18.8 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| GE 16000 | 1.3 | 15.8 | 15.8 | 15.8 | 15.8 | 18.8 | 18.8 | 18.8 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| GE 14000 | 1.3 | 15.8 | 15.8 | 15.8 | 15.8 | 19.1 | 19.1 | 19.1 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 12000 | 1.3 | 15.8 | 15.8 | 15.8 | 15.8 | 19.1 | 19.1 | 19.1 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 10000 | 1.3 | 24.8 | 25.1 | 25.1 | 25.1 | 31.0 | 31.0 | 31.0 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| GE 9000 | 1.3 | 24.8 | 25.1 | 25.1 | 25.1 | 31.0 | 31.0 | 31.0 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| GE 8000 | 1.3 | 24.8 | 25.1 | 25.1 | 25.1 | 31.0 | 31.0 | 31.0 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| GE 7000 | 1.3 | 24.8 | 25.1 | 25.1 | 25.1 | 31.0 | 31.0 | 31.0 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| GE 6000 | 1.3 | 24.8 | 25.1 | 25.1 | 25.1 | 31.0 | 31.0 | 31.0 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| GE 5000 | 1.3 | 25.7 | 26.1 | 26.1 | 26.1 | 32.3 | 32.3 | 32.3 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 |
| GE 4500 | 1.3 | 26.4 | 26.7 | 26.7 | 26.7 | 33.0 | 33.0 | 33.0 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| GE 4000 | 1.3 | 28.4 | 28.7 | 28.7 | 28.7 | 35.0 | 35.0 | 35.0 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 |
| GE 3500 | 1.3 | 30.7 | 31.0 | 31.4 | 31.4 | 37.6 | 37.6 | 37.6 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| GE 3000 | 1.3 | 32.3 | 32.7 | 33.0 | 33.0 | 39.9 | 39.9 | 39.9 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| GE 2500 | 1.3 | 44.2 | 44.6 | 44.9 | 45.2 | 54.1 | 54.1 | 54.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 2000 | 1.3 | 48.2 | 48.5 | 48.8 | 49.2 | 59.4 | 59.4 | 59.4 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| GE 1800 | 1.3 | 50.5 | 50.8 | 51.2 | 51.5 | 63.7 | 63.7 | 63.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| GE 1500 | 1.3 | 54.1 | 54.5 | 55.1 | 55.4 | 68.0 | 68.0 | 68.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| GE 1200 | 1.3 | 60.1 | 60.7 | 61.7 | 62.0 | 76.6 | 76.6 | 77.2 | 79.2 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| GE 1000 | 1.3 | 63.0 | 63.7 | 65.0 | 65.3 | 80.9 | 81.2 | 81.5 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 900 | 1.3 | 63.4 | 64.0 | 65.3 | 65.7 | 82.5 | 82.8 | 83.2 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 800 | 1.3 | 63.7 | 64.4 | 65.7 | 66.0 | 84.5 | 84.8 | 85.1 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 700 | 1.3 | 64.7 | 65.3 | 67.0 | 67.3 | 87.8 | 88.1 | 88.4 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 600 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 89.1 | 89.4 | 89.7 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 500 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 89.8 | 90.1 | 91.1 | 95.7 | 96.4 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 400 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 90.1 | 90.4 | 91.4 | 96.7 | 97.4 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 |
| GE 300 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 90.8 | 91.1 | 92.1 | 97.7 | 98.3 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 |
| GE 200 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 90.8 | 91.1 | 92.1 | 97.7 | 98.3 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 100.0 |
| GE 100 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 90.8 | 91.1 | 92.1 | 97.7 | 98.3 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 100.0 |
| GE 0 | 1.3 | 65.7 | 66.3 | 68.0 | 68.3 | 90.8 | 91.1 | 92.1 | 97.7 | 98.3 | 99.0 | 99.0 | 99.0 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS/STILL: 1000-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| | GE
1 | GE
1 1/2 | GE
2 | GE
3 | GE
4 | GE
5 | GE
6 | GE
7 | GE
8 | GE
9 | GE
10 | GE
11 | GE
12 | GE
13 | GE
14 | GE
15 |
| NO CEIL | 1.7 | 16.1 | 16.1 | 16.1 | 16.1 | 16.4 | 16.4 | 16.4 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 |
| GE 20000 | 1.7 | 17.7 | 17.7 | 17.7 | 17.7 | 19.1 | 19.1 | 19.1 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 14000 | 1.7 | 17.7 | 17.7 | 17.7 | 17.7 | 19.1 | 19.1 | 19.1 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 16000 | 1.7 | 17.7 | 17.7 | 17.7 | 17.7 | 19.1 | 19.1 | 19.1 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 14000 | 1.7 | 17.7 | 17.7 | 17.7 | 17.7 | 19.1 | 19.1 | 19.1 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 12000 | 1.7 | 17.7 | 17.7 | 17.7 | 17.7 | 19.1 | 19.1 | 19.1 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 10000 | 2.0 | 25.8 | 25.8 | 25.8 | 25.8 | 28.4 | 28.4 | 28.4 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.4 |
| GE 9000 | 2.0 | 25.8 | 25.8 | 25.8 | 25.8 | 28.4 | 28.4 | 28.4 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.4 |
| GE 8000 | 2.0 | 25.8 | 25.8 | 25.8 | 25.8 | 28.4 | 28.4 | 28.4 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.4 |
| GE 7000 | 2.0 | 25.8 | 25.8 | 25.8 | 25.8 | 28.4 | 28.4 | 28.4 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.4 |
| GE 6000 | 2.0 | 25.8 | 25.8 | 25.8 | 25.8 | 28.4 | 28.4 | 28.4 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.4 |
| GE 5000 | 2.0 | 26.8 | 26.8 | 26.8 | 26.8 | 29.4 | 29.4 | 29.4 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.4 |
| GE 4500 | 2.0 | 27.4 | 27.4 | 27.4 | 27.4 | 30.4 | 30.4 | 30.4 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.4 |
| GE 4000 | 2.0 | 30.8 | 31.1 | 31.1 | 31.1 | 34.4 | 34.4 | 34.4 | 35.1 | 35.1 | 35.1 | 35.1 | 35.1 | 35.1 | 35.1 | 35.4 |
| GE 3500 | 2.0 | 31.4 | 31.4 | 31.4 | 31.4 | 35.1 | 35.1 | 35.1 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 36.1 |
| GE 3000 | 2.0 | 34.1 | 34.4 | 34.4 | 34.4 | 37.8 | 37.8 | 37.8 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.8 |
| GE 2500 | 2.0 | 48.2 | 48.5 | 48.5 | 48.5 | 52.5 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.5 |
| GE 2000 | 2.0 | 54.6 | 55.2 | 55.2 | 55.2 | 60.2 | 60.2 | 60.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.5 |
| GE 1800 | 2.7 | 67.6 | 68.2 | 68.2 | 68.2 | 70.6 | 70.6 | 70.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.9 |
| GE 1500 | 3.3 | 62.2 | 63.2 | 63.2 | 63.2 | 63.5 | 63.5 | 63.5 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.2 |
| GE 1200 | 3.3 | 63.9 | 63.2 | 63.2 | 63.2 | 63.5 | 63.5 | 63.5 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.2 |
| GE 1000 | 3.3 | 70.9 | 72.2 | 72.2 | 72.2 | 73.2 | 73.2 | 73.2 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.9 |
| GE 900 | 3.3 | 71.2 | 72.6 | 72.6 | 72.6 | 73.2 | 73.2 | 73.2 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.9 |
| GE 800 | 3.3 | 71.9 | 73.2 | 73.2 | 73.2 | 73.9 | 73.9 | 73.9 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.9 |
| GE 700 | 3.3 | 72.2 | 73.6 | 73.6 | 73.6 | 74.2 | 74.2 | 74.2 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.9 |
| GE 600 | 3.3 | 72.9 | 74.2 | 74.2 | 74.2 | 74.9 | 74.9 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.6 |
| GE 500 | 3.3 | 72.9 | 74.2 | 74.2 | 74.2 | 74.9 | 74.9 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.6 |
| GE 400 | 3.3 | 73.2 | 74.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 |
| GE 300 | 3.3 | 73.2 | 74.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 |
| GE 200 | 3.3 | 73.2 | 74.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 |
| GE 100 | 3.3 | 73.2 | 74.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 |
| GE 01 | 3.3 | 73.2 | 74.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 |

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS/DATE: 1901-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 1 | 2.7 | 19.6 | 19.6 | 19.6 | 19.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 |
| GE 20000 | 1 | 3.0 | 20.3 | 20.3 | 20.3 | 20.3 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| GE 18000 | 1 | 3.0 | 20.3 | 20.3 | 20.3 | 20.3 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| GE 16000 | 1 | 3.0 | 20.3 | 20.3 | 20.3 | 20.3 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| GE 14000 | 1 | 3.0 | 20.3 | 20.3 | 20.3 | 20.3 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| GE 12000 | 1 | 3.0 | 20.3 | 20.3 | 20.3 | 20.3 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| GE 10000 | 1 | 3.0 | 24.6 | 24.6 | 24.6 | 24.6 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| GE 9000 | 1 | 3.0 | 24.6 | 24.6 | 24.6 | 24.6 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| GE 8000 | 1 | 3.0 | 24.6 | 24.6 | 24.6 | 24.6 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| GE 7000 | 1 | 3.0 | 24.6 | 24.6 | 24.6 | 24.6 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| GE 6000 | 1 | 3.0 | 24.6 | 24.6 | 24.6 | 24.6 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| GE 5000 | 1 | 3.0 | 25.2 | 25.2 | 25.2 | 25.2 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| GE 4500 | 1 | 3.0 | 25.2 | 25.2 | 25.2 | 25.2 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| GE 4000 | 1 | 3.0 | 28.6 | 28.6 | 28.6 | 28.6 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 |
| GE 3500 | 1 | 3.0 | 29.6 | 29.6 | 29.6 | 29.6 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 |
| GE 3000 | 1 | 3.7 | 34.6 | 34.6 | 34.6 | 34.6 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| GE 2500 | 1 | 3.7 | 49.8 | 49.8 | 49.8 | 49.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| GE 2000 | 1 | 4.0 | 59.1 | 59.1 | 59.1 | 59.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| GE 1800 | 1 | 4.0 | 61.1 | 61.1 | 61.1 | 61.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 1600 | 1 | 5.0 | 65.8 | 66.1 | 66.1 | 66.1 | 76.1 | 76.1 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 1400 | 1 | 5.0 | 72.8 | 73.4 | 73.4 | 73.4 | 85.7 | 85.7 | 86.0 | 87.0 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 1200 | 1 | 5.0 | 73.4 | 74.4 | 74.4 | 75.1 | 90.4 | 90.4 | 90.7 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 1000 | 1 | 5.0 | 74.4 | 75.4 | 75.4 | 76.1 | 91.7 | 91.7 | 92.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 900 | 1 | 5.0 | 76.1 | 76.1 | 76.1 | 76.7 | 92.7 | 92.7 | 93.0 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 800 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.1 | 94.7 | 94.7 | 95.0 | 96.3 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 700 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.1 | 95.0 | 95.0 | 95.3 | 96.7 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 600 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.1 | 95.3 | 95.3 | 95.7 | 97.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 500 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.4 | 96.0 | 96.0 | 96.3 | 97.7 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.4 | 96.0 | 96.0 | 96.3 | 97.7 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.4 | 96.0 | 96.0 | 96.3 | 97.7 | 99.0 | 99.0 | 99.3 | 99.7 | 99.7 | 99.7 |
| GE 200 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.4 | 96.0 | 96.0 | 96.3 | 97.7 | 99.0 | 99.0 | 99.3 | 99.7 | 100.0 | 100.0 |
| GE 100 | 1 | 5.0 | 76.4 | 77.4 | 77.4 | 78.4 | 96.0 | 96.0 | 96.3 | 97.7 | 99.0 | 99.0 | 99.3 | 99.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1800-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 2.3 | 19.7 | 19.7 | 19.7 | 19.7 | 21.4 | 21.4 | 21.4 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 |
| GE 20000 | 2.7 | 22.1 | 22.1 | 22.1 | 22.1 | 23.7 | 23.7 | 23.7 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 18000 | 2.7 | 22.1 | 22.1 | 22.1 | 22.1 | 23.7 | 23.7 | 23.7 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 16000 | 2.7 | 22.1 | 22.1 | 22.1 | 22.1 | 23.7 | 23.7 | 23.7 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 14000 | 2.7 | 22.1 | 22.1 | 22.1 | 22.1 | 23.7 | 23.7 | 23.7 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 12000 | 2.7 | 22.1 | 22.1 | 22.1 | 22.1 | 23.7 | 23.7 | 23.7 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 10000 | 3.0 | 31.4 | 31.4 | 31.4 | 31.4 | 34.1 | 34.1 | 34.1 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 9000 | 3.0 | 31.4 | 31.4 | 31.4 | 31.4 | 34.1 | 34.1 | 34.1 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 8000 | 3.0 | 31.4 | 31.4 | 31.4 | 31.4 | 34.1 | 34.1 | 34.1 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 7000 | 3.0 | 31.4 | 31.4 | 31.4 | 31.4 | 34.1 | 34.1 | 34.1 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 6000 | 3.0 | 31.4 | 31.4 | 31.4 | 31.4 | 34.1 | 34.1 | 34.1 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| GE 5000 | 3.0 | 32.1 | 32.1 | 32.1 | 32.1 | 35.1 | 35.1 | 35.1 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| GE 4500 | 3.0 | 32.1 | 32.1 | 32.1 | 32.1 | 35.1 | 35.1 | 35.1 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| GE 4000 | 3.0 | 34.4 | 34.4 | 34.4 | 34.4 | 38.1 | 38.1 | 38.1 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| GE 3500 | 3.0 | 36.8 | 36.8 | 36.8 | 36.8 | 40.5 | 40.5 | 40.5 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| GE 3000 | 3.0 | 41.5 | 41.5 | 41.5 | 41.5 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| GE 2500 | 3.0 | 58.5 | 58.5 | 58.5 | 58.5 | 63.2 | 63.2 | 63.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 2000 | 3.3 | 63.5 | 63.5 | 63.5 | 63.5 | 69.2 | 69.2 | 69.2 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 1800 | 3.3 | 65.2 | 65.2 | 65.2 | 65.2 | 71.9 | 71.9 | 71.9 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| GE 1600 | 3.3 | 67.2 | 67.2 | 67.2 | 67.2 | 74.9 | 74.9 | 74.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| GE 1400 | 3.3 | 73.6 | 74.2 | 74.9 | 75.6 | 84.6 | 84.9 | 84.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 1200 | 3.3 | 74.9 | 75.9 | 76.6 | 77.3 | 88.6 | 89.0 | 89.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 1000 | 3.3 | 75.6 | 76.6 | 77.3 | 77.9 | 90.0 | 90.6 | 91.0 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 900 | 3.3 | 75.6 | 76.6 | 77.3 | 77.9 | 90.0 | 90.6 | 91.0 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 800 | 3.3 | 77.3 | 78.3 | 78.9 | 79.6 | 92.3 | 93.0 | 93.3 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 700 | 3.3 | 77.3 | 78.3 | 78.9 | 79.6 | 92.3 | 93.0 | 93.3 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 600 | 3.3 | 77.3 | 78.3 | 78.9 | 79.6 | 92.3 | 93.0 | 93.3 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 500 | 3.3 | 77.6 | 78.6 | 79.3 | 79.9 | 92.6 | 93.3 | 93.6 | 96.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 400 | 3.3 | 77.6 | 78.6 | 79.3 | 79.9 | 93.3 | 94.0 | 94.3 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 300 | 3.3 | 77.9 | 78.9 | 79.6 | 80.3 | 93.6 | 94.3 | 94.6 | 97.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 200 | 3.3 | 77.9 | 78.9 | 79.6 | 80.3 | 93.6 | 94.3 | 94.6 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 100 | 3.3 | 77.9 | 78.9 | 79.6 | 80.3 | 93.6 | 94.3 | 94.6 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| GE CI | 3.3 | 77.9 | 78.9 | 79.6 | 80.3 | 93.6 | 94.3 | 94.6 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-P4
MONTH: OCT HOURS (LST): 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | .3 | 22.9 | 22.9 | 22.9 | 22.9 | 25.9 | 25.9 | 25.9 | 26.6 | 26.6 | 26.6 | 26.6 | 27.2 | 27.2 | 27.2 | 27.2 |
| GE 20000 | .3 | 23.3 | 23.3 | 23.3 | 23.3 | 26.6 | 26.6 | 26.6 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.9 | 27.9 |
| GE 18000 | .3 | 23.3 | 23.3 | 23.3 | 23.3 | 26.6 | 26.6 | 26.6 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.9 | 27.9 |
| GE 16000 | .3 | 23.3 | 23.3 | 23.3 | 23.3 | 26.6 | 26.6 | 26.6 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.9 | 27.9 |
| GE 14000 | .3 | 23.3 | 23.3 | 23.3 | 23.3 | 26.6 | 26.6 | 26.6 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.9 | 27.9 |
| GE 12000 | .3 | 23.3 | 23.3 | 23.3 | 23.3 | 26.6 | 26.6 | 26.6 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.9 | 27.9 |
| GE 10000 | .3 | 29.9 | 29.9 | 29.9 | 29.9 | 34.9 | 34.9 | 34.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 36.5 | 36.5 |
| GE 9000 | .3 | 29.9 | 29.9 | 29.9 | 29.9 | 34.9 | 34.9 | 34.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 36.5 | 36.5 |
| GE 8000 | .3 | 29.9 | 29.9 | 29.9 | 29.9 | 34.9 | 34.9 | 34.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 36.5 | 36.5 |
| GE 7000 | .3 | 29.9 | 29.9 | 29.9 | 29.9 | 34.9 | 34.9 | 34.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 36.5 | 36.5 |
| GE 6000 | .3 | 30.2 | 30.2 | 30.2 | 30.2 | 35.2 | 35.2 | 35.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.9 | 36.9 |
| GE 5000 | .3 | 31.9 | 32.2 | 32.2 | 32.2 | 37.5 | 37.5 | 37.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 39.2 | 39.2 |
| GE 4500 | .3 | 31.9 | 32.2 | 32.2 | 32.2 | 37.5 | 37.5 | 37.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 39.2 | 39.2 |
| GE 4000 | .3 | 35.9 | 36.2 | 36.2 | 36.2 | 41.9 | 41.9 | 41.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 43.5 | 43.5 |
| GE 3500 | .3 | 38.9 | 39.2 | 39.2 | 39.2 | 45.2 | 45.2 | 45.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.8 | 46.8 |
| GE 3000 | .3 | 43.2 | 43.5 | 43.9 | 43.9 | 50.5 | 50.5 | 50.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 52.2 | 52.2 |
| GE 2500 | .7 | 55.1 | 55.5 | 55.8 | 55.9 | 63.1 | 63.1 | 63.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.8 | 64.8 |
| GE 2000 | .7 | 59.8 | 60.8 | 61.1 | 61.1 | 70.4 | 70.4 | 70.4 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.8 | 72.8 |
| GE 1800 | .7 | 61.1 | 62.1 | 62.5 | 62.5 | 71.8 | 71.8 | 71.8 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 74.1 | 74.1 |
| GE 1500 | .7 | 63.1 | 64.1 | 64.8 | 64.8 | 74.4 | 74.4 | 74.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 77.1 | 77.1 |
| GE 1200 | .7 | 67.6 | 68.8 | 69.4 | 70.1 | 81.4 | 81.4 | 81.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 84.4 | 84.4 |
| GE 1000 | .7 | 70.4 | 71.4 | 72.4 | 73.1 | 86.4 | 86.4 | 86.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.0 | 90.0 |
| GE 900 | .7 | 70.8 | 71.9 | 72.8 | 73.4 | 87.0 | 87.0 | 87.4 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.7 | 90.7 |
| GE 800 | .7 | 71.1 | 72.1 | 73.4 | 74.1 | 88.4 | 88.4 | 88.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 92.4 | 92.4 |
| GE 700 | .7 | 72.1 | 73.1 | 74.4 | 75.1 | 91.0 | 91.4 | 91.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.7 | 95.7 |
| GE 600 | .7 | 72.1 | 73.1 | 74.4 | 75.1 | 91.4 | 91.7 | 92.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 97.0 | 97.0 |
| GE 500 | .7 | 72.1 | 73.1 | 74.4 | 75.1 | 91.4 | 91.7 | 92.0 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.7 | 97.7 |
| GE 400 | .7 | 72.8 | 73.8 | 75.1 | 75.7 | 92.0 | 92.4 | 92.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.3 | 98.3 |
| GE 300 | .7 | 72.8 | 73.8 | 75.1 | 75.7 | 92.0 | 92.4 | 92.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.3 | 98.3 |
| GE 200 | .7 | 72.8 | 73.8 | 75.1 | 75.7 | 92.0 | 92.4 | 92.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.3 | 98.3 |
| GE 100 | .7 | 72.8 | 73.8 | 75.1 | 75.7 | 92.0 | 92.4 | 92.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.3 | 98.3 |
| GE 0 | .7 | 72.8 | 73.8 | 75.1 | 75.7 | 92.0 | 92.4 | 92.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.3 | 98.3 |

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(IST): ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
0 |
| NO CEIL | 1.1 | 20.1 | 20.1 | 20.2 | 20.2 | 22.2 | 22.2 | 22.2 | 22.8 | 22.8 | 22.8 | 23.0 | 23.0 | 23.2 | 23.2 | 23.3 |
| GE 20000 | 1.2 | 21.2 | 21.2 | 21.2 | 21.2 | 23.6 | 23.6 | 23.6 | 24.2 | 24.3 | 24.3 | 24.5 | 24.5 | 24.7 | 24.7 | 24.7 |
| GE 18000 | 1.2 | 21.2 | 21.2 | 21.2 | 21.2 | 23.6 | 23.6 | 23.6 | 24.2 | 24.3 | 24.3 | 24.5 | 24.5 | 24.7 | 24.7 | 24.7 |
| GE 16000 | 1.2 | 21.2 | 21.2 | 21.2 | 21.2 | 23.6 | 23.6 | 23.6 | 24.2 | 24.3 | 24.3 | 24.5 | 24.5 | 24.7 | 24.7 | 24.7 |
| GE 14000 | 1.2 | 21.2 | 21.2 | 21.2 | 21.2 | 23.6 | 23.6 | 23.6 | 24.3 | 24.3 | 24.3 | 24.5 | 24.5 | 24.7 | 24.7 | 24.7 |
| GE 12000 | 1.2 | 21.2 | 21.2 | 21.2 | 21.2 | 23.6 | 23.6 | 23.6 | 24.3 | 24.3 | 24.3 | 24.5 | 24.5 | 24.7 | 24.7 | 24.7 |
| GE 10000 | 1.2 | 28.3 | 28.4 | 28.5 | 28.5 | 32.7 | 32.7 | 32.7 | 33.5 | 33.6 | 33.6 | 33.6 | 33.8 | 34.0 | 34.0 | 34.1 |
| GE 9000 | 1.2 | 28.3 | 28.4 | 28.5 | 28.5 | 32.7 | 32.7 | 32.7 | 33.5 | 33.6 | 33.6 | 33.6 | 33.8 | 34.0 | 34.0 | 34.1 |
| GE 8000 | 1.2 | 28.3 | 28.4 | 28.5 | 28.5 | 32.7 | 32.7 | 32.7 | 33.5 | 33.6 | 33.6 | 33.6 | 33.8 | 34.0 | 34.0 | 34.1 |
| GE 7000 | 1.2 | 28.3 | 28.4 | 28.5 | 28.5 | 32.7 | 32.7 | 32.7 | 33.5 | 33.6 | 33.6 | 33.6 | 33.8 | 34.0 | 34.0 | 34.1 |
| GE 6000 | 1.2 | 28.4 | 28.5 | 28.6 | 28.6 | 32.8 | 32.8 | 32.8 | 33.6 | 33.7 | 33.7 | 33.7 | 33.9 | 34.1 | 34.1 | 34.2 |
| GE 5000 | 1.2 | 29.5 | 29.7 | 29.7 | 29.7 | 34.1 | 34.1 | 34.1 | 34.9 | 35.0 | 35.0 | 35.2 | 35.2 | 35.5 | 35.5 | 35.6 |
| GE 4500 | 1.2 | 30.0 | 30.1 | 30.2 | 30.2 | 34.6 | 34.6 | 34.6 | 35.4 | 35.5 | 35.5 | 35.7 | 35.7 | 36.0 | 36.0 | 36.1 |
| GE 4000 | 1.2 | 32.7 | 32.9 | 33.0 | 33.0 | 37.7 | 37.7 | 37.7 | 38.5 | 38.6 | 38.6 | 38.8 | 38.8 | 39.0 | 39.0 | 39.2 |
| GE 3500 | 1.2 | 34.2 | 34.4 | 34.6 | 34.6 | 39.3 | 39.3 | 39.3 | 40.1 | 40.2 | 40.2 | 40.5 | 40.5 | 40.7 | 40.7 | 40.8 |
| GE 3000 | 1.3 | 37.7 | 37.9 | 38.1 | 38.2 | 43.3 | 43.3 | 43.3 | 44.2 | 44.3 | 44.3 | 44.6 | 44.6 | 44.8 | 44.8 | 44.9 |
| GE 2500 | 1.4 | 50.7 | 50.9 | 51.2 | 51.3 | 57.6 | 57.6 | 57.6 | 58.6 | 58.7 | 58.7 | 58.9 | 58.9 | 59.1 | 59.1 | 59.3 |
| GE 2000 | 1.5 | 56.2 | 56.6 | 57.0 | 57.1 | 64.5 | 64.5 | 64.5 | 65.7 | 65.8 | 65.8 | 66.1 | 66.1 | 66.3 | 66.3 | 66.4 |
| GE 1800 | 1.6 | 57.9 | 58.4 | 58.7 | 58.8 | 67.0 | 67.0 | 67.0 | 68.3 | 68.5 | 68.5 | 68.7 | 68.7 | 69.0 | 69.0 | 69.1 |
| GE 1600 | 1.8 | 61.3 | 61.8 | 62.3 | 62.5 | 71.9 | 71.9 | 71.9 | 73.3 | 73.5 | 73.5 | 73.8 | 73.8 | 74.0 | 74.0 | 74.1 |
| GE 1400 | 1.8 | 67.6 | 68.4 | 69.1 | 69.6 | 81.0 | 81.1 | 81.2 | 83.1 | 83.3 | 83.4 | 83.6 | 83.6 | 83.9 | 83.9 | 84.0 |
| GE 1000 | 1.8 | 69.6 | 70.5 | 71.3 | 71.8 | 85.0 | 85.2 | 85.3 | 87.7 | 88.0 | 88.0 | 88.3 | 88.3 | 88.6 | 88.6 | 88.7 |
| GE 900 | 1.8 | 70.1 | 71.0 | 71.8 | 72.3 | 86.0 | 86.2 | 86.4 | 89.0 | 89.2 | 89.3 | 89.5 | 89.5 | 89.8 | 89.8 | 89.9 |
| GE 800 | 1.8 | 70.4 | 71.3 | 72.1 | 72.7 | 87.2 | 87.4 | 87.6 | 90.5 | 90.8 | 90.9 | 91.1 | 91.1 | 91.4 | 91.4 | 91.5 |
| GE 700 | 1.8 | 71.3 | 72.2 | 73.2 | 73.7 | 89.7 | 89.9 | 90.2 | 93.5 | 93.8 | 93.8 | 94.1 | 94.1 | 94.4 | 94.4 | 94.6 |
| GE 600 | 1.8 | 71.8 | 72.7 | 73.6 | 74.2 | 90.5 | 90.8 | 91.1 | 94.9 | 95.4 | 95.6 | 95.9 | 95.9 | 96.3 | 96.3 | 96.4 |
| GE 500 | 1.8 | 71.9 | 72.8 | 73.8 | 74.4 | 91.1 | 91.4 | 91.8 | 95.7 | 96.3 | 96.6 | 96.9 | 96.9 | 97.3 | 97.3 | 97.4 |
| GE 400 | 1.8 | 72.1 | 73.0 | 74.1 | 74.7 | 91.7 | 92.0 | 92.5 | 96.7 | 97.5 | 97.8 | 98.3 | 98.3 | 98.7 | 98.7 | 98.8 |
| GE 300 | 1.8 | 72.1 | 73.0 | 74.1 | 74.7 | 91.9 | 92.1 | 92.6 | 96.8 | 97.7 | 98.0 | 98.5 | 98.5 | 98.9 | 98.9 | 99.0 |
| GE 200 | 1.8 | 72.2 | 73.1 | 74.1 | 74.8 | 91.9 | 92.2 | 92.6 | 96.9 | 97.8 | 98.1 | 98.6 | 98.6 | 99.2 | 99.2 | 99.5 |
| GE 100 | 1.8 | 72.2 | 73.1 | 74.1 | 74.8 | 91.9 | 92.2 | 92.6 | 96.9 | 97.8 | 98.1 | 98.6 | 98.6 | 99.6 | 99.6 | 100.0 |
| GE 0 | 1.8 | 72.2 | 73.1 | 74.1 | 74.8 | 91.9 | 92.2 | 92.6 | 96.9 | 97.8 | 98.1 | 98.6 | 98.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2406

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 200630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0000-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|-------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 | |
| NO CEIL | | 12.0 | 12.0 | 12.0 | 12.0 | 13.1 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.7 | 13.7 | 13.7 |
| GE 20000 | | 13.7 | 13.7 | 13.7 | 13.7 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.5 | 15.5 | 15.5 |
| GE 18000 | | 13.7 | 13.7 | 13.7 | 13.7 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.5 | 15.5 | 15.5 |
| GE 16000 | | 13.7 | 13.7 | 13.7 | 13.7 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.5 | 15.5 | 15.5 |
| GE 14000 | | 13.7 | 13.7 | 13.7 | 13.7 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.5 | 15.5 | 15.5 |
| GE 12000 | | 13.7 | 13.7 | 13.7 | 13.7 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.5 | 15.5 | 15.5 |
| GE 10000 | | 17.9 | 17.9 | 17.9 | 17.9 | 20.3 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 21.0 | 21.0 | 21.0 |
| GE 9000 | | 17.9 | 17.9 | 17.9 | 17.9 | 20.3 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 21.0 | 21.0 | 21.0 |
| GE 8000 | | 17.9 | 17.9 | 17.9 | 17.9 | 20.3 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 21.0 | 21.0 | 21.0 |
| GE 7000 | | 17.9 | 17.9 | 17.9 | 17.9 | 20.3 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 21.0 | 21.0 | 21.0 |
| GE 6000 | | 18.2 | 18.2 | 18.2 | 18.2 | 20.6 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.3 | 21.3 | 21.3 |
| GE 5000 | | 18.6 | 18.6 | 18.6 | 18.6 | 21.0 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.6 | 21.6 | 21.6 |
| GE 4500 | | 19.9 | 19.9 | 19.9 | 19.9 | 22.3 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 23.0 | 23.0 | 23.0 |
| GE 4000 | | 21.6 | 21.6 | 21.6 | 21.6 | 24.1 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.7 | 24.7 | 24.7 |
| GE 3500 | | 22.0 | 22.0 | 22.0 | 22.0 | 24.7 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.4 | 25.4 | 25.4 |
| GE 3000 | | 23.7 | 23.7 | 23.7 | 23.7 | 26.8 | 27.1 | 27.1 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.8 | 27.8 | 27.8 |
| GE 2500 | | 33.7 | 33.7 | 33.7 | 33.7 | 36.8 | 37.1 | 37.1 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.8 | 37.8 | 37.8 |
| GE 2000 | .3 | 40.5 | 40.5 | 40.9 | 40.9 | 44.7 | 45.0 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.7 | 45.7 | 45.7 |
| GE 1800 | .3 | 43.0 | 43.3 | 43.6 | 43.6 | 48.1 | 48.5 | 48.5 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.1 | 49.1 | 49.1 |
| GE 1500 | .3 | 46.4 | 46.7 | 47.1 | 47.1 | 52.6 | 52.9 | 52.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 |
| GE 1200 | .3 | 55.0 | 55.3 | 55.7 | 55.7 | 67.0 | 67.4 | 67.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.8 | 69.8 | 69.8 |
| GE 1000 | .3 | 57.4 | 57.7 | 58.1 | 58.1 | 72.2 | 72.5 | 72.5 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 | 75.9 | 75.9 |
| GE 900 | .3 | 57.7 | 58.1 | 58.4 | 58.4 | 73.9 | 74.2 | 74.2 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.7 | 77.7 | 77.7 |
| GE 800 | .3 | 59.1 | 59.5 | 59.8 | 59.8 | 76.6 | 77.0 | 77.3 | 80.8 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.8 | 81.8 | 81.8 |
| GE 700 | .3 | 60.8 | 61.2 | 61.5 | 61.5 | 80.8 | 81.1 | 81.4 | 85.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 86.9 |
| GE 600 | .3 | 61.9 | 62.2 | 62.5 | 62.5 | 82.8 | 83.2 | 83.5 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.1 | 91.1 | 91.1 |
| GE 500 | .7 | 62.2 | 62.5 | 62.9 | 62.9 | 84.2 | 84.5 | 84.9 | 92.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 94.2 | 94.2 | 94.2 |
| GE 400 | .7 | 62.2 | 62.5 | 62.9 | 62.9 | 85.2 | 85.6 | 85.9 | 94.2 | 95.5 | 95.9 | 96.2 | 96.2 | 96.2 | 96.6 | 96.6 | 96.6 |
| GE 300 | .7 | 62.2 | 62.5 | 62.9 | 62.9 | 85.2 | 85.6 | 85.9 | 94.5 | 95.9 | 96.6 | 97.6 | 97.6 | 97.6 | 98.6 | 98.6 | 98.6 |
| GE 200 | .7 | 62.2 | 62.5 | 62.9 | 62.9 | 85.2 | 85.6 | 85.9 | 94.8 | 96.2 | 96.9 | 98.3 | 98.6 | 98.6 | 99.7 | 99.7 | 99.7 |
| GE 100 | .7 | 62.2 | 62.5 | 62.9 | 62.9 | 85.2 | 85.6 | 85.9 | 94.8 | 96.2 | 96.9 | 98.3 | 98.6 | 98.6 | 99.7 | 99.7 | 99.7 |
| GE 0 | .7 | 62.5 | 62.9 | 63.2 | 63.2 | 85.6 | 85.9 | 86.3 | 95.2 | 96.6 | 97.3 | 98.6 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0300-0500

| CEILING
IN
FEET | I | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
| | | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 | |
| NO CEIL | I | | 13.4 | 13.7 | 13.7 | 13.7 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | |
| GE 20000 | I | | 14.0 | 14.4 | 14.4 | 14.4 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | |
| GE 18000 | I | | 14.0 | 14.4 | 14.4 | 14.4 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | |
| GE 16000 | I | | 14.0 | 14.4 | 14.4 | 14.4 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | |
| GE 14000 | I | | 14.0 | 14.4 | 14.4 | 14.4 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | |
| GE 12000 | I | | 14.0 | 14.4 | 14.4 | 14.4 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | |
| GE 10000 | I | | 19.2 | 19.5 | 19.5 | 19.5 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | |
| GE 9000 | I | | 19.2 | 19.5 | 19.5 | 19.5 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | |
| GE 8000 | I | | 19.2 | 19.5 | 19.5 | 19.5 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | |
| GE 7000 | I | | 19.2 | 19.5 | 19.5 | 19.5 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | |
| GE 6000 | I | | 19.2 | 19.5 | 19.5 | 19.5 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | |
| GE 5000 | I | | 19.2 | 19.5 | 19.5 | 19.5 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | |
| GE 4500 | I | | 19.5 | 19.9 | 19.9 | 19.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | |
| GE 4000 | I | | 21.6 | 21.9 | 21.9 | 21.9 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | |
| GE 3500 | I | | 21.6 | 21.9 | 21.9 | 21.9 | 23.6 | 23.6 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | |
| GE 3000 | I | | 25.3 | 25.7 | 25.7 | 25.7 | 28.4 | 28.4 | 28.8 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | |
| GE 2500 | I | | 34.6 | 35.3 | 35.3 | 35.3 | 38.7 | 38.7 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | |
| GE 2000 | I | | 40.1 | 40.8 | 40.8 | 40.8 | 46.2 | 46.2 | 46.6 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | |
| GE 1800 | I | | 43.8 | 44.5 | 44.5 | 44.5 | 50.3 | 50.3 | 50.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | |
| GE 1500 | I | | 47.6 | 48.3 | 48.3 | 48.3 | 54.8 | 54.8 | 55.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | |
| GE 1200 | I | | 56.4 | 57.5 | 57.5 | 57.5 | 67.8 | 67.8 | 68.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | |
| GE 1000 | I | | 59.6 | 60.6 | 60.6 | 60.6 | 74.0 | 74.0 | 74.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | |
| GE 900 | I | | 60.3 | 61.3 | 61.3 | 61.3 | 76.7 | 76.7 | 77.1 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | |
| GE 800 | I | | 60.6 | 61.6 | 61.6 | 61.6 | 78.4 | 78.4 | 78.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | |
| GE 700 | I | | 60.6 | 61.6 | 61.6 | 61.6 | 80.8 | 80.8 | 81.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | |
| GE 600 | I | | 61.0 | 62.0 | 62.0 | 62.0 | 82.5 | 82.5 | 82.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | |
| GE 500 | I | | 61.6 | 62.7 | 62.7 | 62.7 | 83.9 | 83.9 | 84.2 | 91.1 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | |
| GE 400 | I | | 61.6 | 62.7 | 63.0 | 63.0 | 85.6 | 85.6 | 86.0 | 94.2 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| GE 300 | I | | 61.6 | 62.7 | 63.0 | 63.0 | 86.0 | 86.0 | 86.3 | 95.2 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| GE 200 | I | | 61.6 | 62.7 | 63.0 | 63.0 | 86.0 | 86.0 | 86.3 | 95.2 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| GE 100 | I | | 61.6 | 62.7 | 63.0 | 63.0 | 86.0 | 86.0 | 86.3 | 95.2 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| GE 0 | I | | 61.6 | 62.7 | 63.0 | 63.0 | 86.0 | 86.0 | 86.3 | 95.2 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0600-0800

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 9.9 | 9.9 | 9.9 | 9.9 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 |
| GE 20000 | 9.9 | 9.9 | 9.9 | 9.9 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 |
| GE 18000 | 9.9 | 9.9 | 9.9 | 9.9 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 |
| GE 16000 | 9.9 | 9.9 | 9.9 | 9.9 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 |
| GE 14000 | 9.9 | 9.9 | 9.9 | 9.9 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 |
| GE 12000 | 9.9 | 9.9 | 9.9 | 9.9 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 |
| GE 10000 | 15.4 | 15.4 | 15.4 | 15.4 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 |
| GE 9000 | 15.4 | 15.4 | 15.4 | 15.4 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 |
| GE 8000 | 15.4 | 15.4 | 15.4 | 15.4 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 |
| GE 7000 | 15.4 | 15.4 | 15.4 | 15.4 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 |
| GE 6000 | 15.4 | 15.4 | 15.4 | 15.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 |
| GE 5000 | 15.4 | 15.4 | 15.4 | 15.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 |
| GE 4500 | 15.7 | 15.7 | 15.7 | 15.7 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| GE 4000 | 16.7 | 16.7 | 16.7 | 16.7 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 3500 | 17.4 | 17.4 | 17.4 | 17.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 3000 | 19.5 | 19.5 | 19.5 | 19.5 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 |
| GE 2500 | 27.0 | 27.0 | 27.3 | 27.3 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 | 33.8 |
| GE 2000 | 32.8 | 32.8 | 33.1 | 33.1 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 |
| GE 1800 | 36.2 | 36.2 | 36.5 | 36.9 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 1500 | 40.6 | 40.6 | 41.0 | 41.3 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| GE 1200 | 50.2 | 50.2 | 50.5 | 50.9 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 1000 | 54.3 | 54.3 | 54.6 | 54.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 900 | 54.9 | 54.9 | 55.3 | 55.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 800 | 55.3 | 55.3 | 55.6 | 56.0 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| GE 700 | 56.0 | 56.0 | 56.3 | 56.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 600 | 56.3 | 56.3 | 56.7 | 57.1 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 500 | 58.0 | 58.0 | 58.4 | 58.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 400 | 58.0 | 58.0 | 58.4 | 58.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 300 | 58.4 | 58.4 | 58.7 | 59.1 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 200 | 58.7 | 58.7 | 59.1 | 59.4 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 100 | 58.7 | 58.7 | 59.1 | 59.4 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 0 | 58.7 | 58.7 | 59.1 | 59.4 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS/STATION: 0600-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
0 |
| NO CEIL | | 9.8 | 9.8 | 10.1 | 10.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 |
| GE 20000 | | 10.5 | 10.5 | 10.8 | 10.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| GE 18000 | | 10.5 | 10.5 | 10.8 | 10.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| GE 16000 | | 10.5 | 10.5 | 10.8 | 10.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| GE 14000 | | 10.5 | 10.5 | 10.8 | 10.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| GE 12000 | | 10.5 | 10.5 | 10.8 | 10.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| GE 10000 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 9000 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 8000 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 7000 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 6000 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 5000 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 4500 | | 17.4 | 17.8 | 18.1 | 18.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| GE 4000 | | 19.2 | 19.5 | 19.9 | 19.9 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 |
| GE 3500 | | 20.9 | 21.3 | 21.6 | 21.6 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| GE 3000 | | 24.4 | 24.7 | 25.1 | 25.1 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| GE 2500 | | 33.1 | 33.4 | 33.8 | 33.8 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| GE 2000 | | 36.6 | 36.9 | 37.3 | 37.3 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| GE 1800 | | 39.7 | 40.1 | 40.4 | 40.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| GE 1500 | | 43.9 | 44.3 | 44.6 | 44.6 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 1200 | | 52.6 | 53.0 | 53.3 | 53.3 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 1000 | | 56.1 | 56.4 | 56.8 | 56.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| GE 900 | | 56.8 | 57.1 | 57.5 | 57.5 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 800 | | 58.2 | 58.5 | 58.9 | 58.9 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| GE 700 | | 58.9 | 59.2 | 59.6 | 59.6 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 600 | | 59.2 | 59.6 | 59.9 | 59.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 500 | | 60.3 | 60.6 | 61.0 | 61.0 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 400 | | 60.3 | 60.6 | 61.0 | 61.0 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 300 | | 60.6 | 61.0 | 61.3 | 61.3 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 200 | | 60.6 | 61.0 | 61.3 | 61.3 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 100 | | 61.0 | 61.3 | 61.7 | 61.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 0 | | 61.0 | 61.3 | 61.7 | 61.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 1200-1400

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 |
| NO CEIL | 1.4 | 10.6 | 10.6 | 10.6 | 10.6 | 10.9 | 10.9 | 10.9 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| GE 20000 | 1.4 | 12.6 | 12.6 | 12.6 | 12.6 | 13.7 | 13.7 | 13.7 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| GE 18000 | 1.4 | 12.6 | 12.6 | 12.6 | 12.6 | 13.7 | 13.7 | 13.7 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| GE 16000 | 1.4 | 12.6 | 12.6 | 12.6 | 12.6 | 13.7 | 13.7 | 13.7 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| GE 14000 | 1.4 | 12.6 | 12.6 | 12.6 | 12.6 | 13.7 | 13.7 | 13.7 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| GE 12000 | 1.4 | 12.6 | 12.6 | 12.6 | 12.6 | 13.7 | 13.7 | 13.7 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| GE 10000 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 9000 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 8000 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 7000 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 6000 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 5000 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 4500 | 1.4 | 19.5 | 19.5 | 19.5 | 19.8 | 21.2 | 21.2 | 21.2 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 |
| GE 4000 | 1.4 | 21.2 | 21.2 | 21.2 | 21.5 | 22.9 | 22.9 | 22.9 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| GE 3500 | 1.4 | 22.5 | 22.5 | 22.5 | 22.9 | 24.2 | 24.2 | 24.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 3000 | 1.4 | 26.3 | 26.3 | 26.3 | 26.6 | 28.3 | 28.3 | 28.3 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 |
| GE 2500 | 1.4 | 35.5 | 35.5 | 35.5 | 35.8 | 37.9 | 37.9 | 37.9 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| GE 2000 | 1.4 | 38.2 | 38.2 | 38.2 | 38.9 | 42.3 | 42.3 | 42.3 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| GE 1800 | 1.4 | 32.6 | 32.6 | 40.3 | 40.3 | 44.7 | 44.7 | 44.7 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| GE 1600 | 1.7 | 44.4 | 44.4 | 45.1 | 45.4 | 51.5 | 51.5 | 51.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 1400 | 2.0 | 53.2 | 53.2 | 54.3 | 54.6 | 66.9 | 66.9 | 67.2 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| GE 1200 | 2.0 | 55.6 | 56.0 | 57.0 | 57.3 | 73.4 | 73.4 | 73.7 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 1000 | 2.0 | 56.3 | 56.7 | 57.7 | 58.0 | 75.8 | 75.8 | 76.1 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 900 | 2.0 | 58.0 | 58.4 | 59.7 | 60.1 | 80.5 | 80.5 | 80.9 | 84.6 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| GE 800 | 2.0 | 58.0 | 58.4 | 60.8 | 61.1 | 85.6 | 85.6 | 86.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 700 | 2.0 | 59.4 | 59.4 | 60.8 | 61.1 | 84.3 | 84.3 | 84.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 600 | 2.0 | 59.4 | 59.4 | 60.8 | 61.1 | 85.7 | 85.7 | 86.7 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 500 | 2.0 | 59.4 | 59.7 | 61.1 | 61.4 | 86.7 | 86.7 | 87.7 | 94.6 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 400 | 2.0 | 59.4 | 59.7 | 61.1 | 61.4 | 87.4 | 87.4 | 88.4 | 95.2 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 300 | 2.0 | 59.4 | 59.7 | 61.1 | 61.4 | 87.7 | 87.7 | 88.7 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 200 | 2.0 | 59.4 | 59.7 | 61.1 | 61.4 | 87.7 | 87.7 | 88.7 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 100 | 2.0 | 59.4 | 59.7 | 61.1 | 61.4 | 87.7 | 87.7 | 88.7 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 0 | 2.0 | 59.4 | 59.7 | 61.1 | 61.4 | 87.7 | 87.7 | 88.7 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-RE
MONTH: NOV HOURS(EST): 1500-1700

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 1.0 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 |
| GE 20000 | 1.0 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| GE 18000 | 1.0 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| GE 16000 | 1.0 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| GE 14000 | 1.0 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| GE 12000 | 1.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| GE 10000 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 9000 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 8000 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 7000 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 6000 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 5000 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 4500 | 1.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| GE 4000 | 1.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 |
| GE 3500 | 1.0 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 |
| GE 3000 | 1.0 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 |
| GE 2500 | 1.0 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 |
| GE 2000 | 1.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| GE 1800 | 1.7 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 1600 | 2.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| GE 1400 | 2.0 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 1200 | 2.0 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 1000 | 2.0 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| GE 800 | 2.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 700 | 2.0 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 600 | 2.0 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 500 | 2.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 400 | 2.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 300 | 2.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 200 | 2.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 100 | 2.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS/DAY: 1900-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 |
| NO CEIL | 1 | | 13.5 | 13.5 | 13.9 | 13.9 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 |
| GE 20000 | | | 14.2 | 14.2 | 14.6 | 14.6 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 |
| GE 18000 | | | 14.2 | 14.2 | 14.6 | 14.6 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 |
| GE 16000 | | | 14.2 | 14.2 | 14.6 | 14.6 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 |
| GE 14000 | | | 14.2 | 14.2 | 14.6 | 14.6 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 |
| GE 12000 | | | 14.2 | 14.2 | 14.6 | 14.6 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 |
| GE 10000 | | | 17.0 | 17.0 | 17.7 | 17.7 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 9000 | | | 17.0 | 17.0 | 17.7 | 17.7 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 8000 | | | 17.3 | 17.0 | 17.7 | 17.7 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 7000 | | | 17.6 | 17.0 | 17.7 | 17.7 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 6000 | | | 17.0 | 17.3 | 17.7 | 17.7 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 5000 | | | 17.7 | 17.7 | 18.4 | 18.4 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 |
| GE 4500 | | | 18.1 | 18.1 | 18.8 | 18.8 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| GE 4000 | | | 18.8 | 18.8 | 19.4 | 19.4 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 3500 | | | 19.8 | 19.8 | 20.5 | 20.5 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| GE 3000 | .7 | | 21.9 | 21.9 | 22.6 | 22.6 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 |
| GE 2500 | .7 | | 30.6 | 30.6 | 31.3 | 31.3 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| GE 2000 | .3 | | 37.2 | 37.2 | 37.8 | 37.8 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| GE 1800 | .3 | | 39.6 | 39.6 | 40.3 | 40.3 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| GE 1600 | .7 | | 44.4 | 44.4 | 45.5 | 45.5 | 53.8 | 53.8 | 54.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| GE 1400 | .3 | | 54.5 | 54.5 | 55.9 | 55.9 | 69.8 | 69.8 | 70.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 1200 | .7 | | 57.3 | 57.6 | 58.7 | 58.7 | 75.0 | 75.0 | 75.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 1000 | .7 | | 57.3 | 57.6 | 58.7 | 58.7 | 76.4 | 76.4 | 77.1 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 900 | .3 | | 58.3 | 58.7 | 59.7 | 59.7 | 80.2 | 80.2 | 80.9 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 800 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 82.6 | 82.6 | 83.3 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 600 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 84.4 | 84.4 | 85.1 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 500 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 85.1 | 85.1 | 86.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 400 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 86.5 | 86.5 | 87.5 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 300 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 86.8 | 86.8 | 88.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 200 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 86.8 | 86.8 | 88.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 100 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 86.8 | 86.8 | 88.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 0 | .3 | | 59.0 | 59.4 | 60.4 | 60.4 | 86.8 | 86.8 | 88.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 1500-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
1 | GE
10 | GE
2 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | | 14.7 | 14.7 | 14.7 | 14.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| GE 20000 | 14.7 | 14.7 | 14.7 | 14.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| GE 18000 | 14.7 | 14.7 | 14.7 | 14.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| GE 16000 | 14.7 | 14.7 | 14.7 | 14.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| GE 14000 | 14.7 | 14.7 | 14.7 | 14.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| GE 12000 | 14.7 | 14.7 | 14.7 | 14.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| GE 10000 | 20.1 | 20.1 | 20.1 | 20.1 | 21.8 | 21.8 | 21.8 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 9000 | 20.1 | 20.1 | 20.1 | 20.1 | 21.8 | 21.8 | 21.8 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 8000 | 20.1 | 20.1 | 20.1 | 20.1 | 21.8 | 21.8 | 21.8 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 7000 | 20.1 | 20.1 | 20.1 | 20.1 | 21.8 | 21.8 | 21.8 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 6000 | 20.1 | 20.1 | 20.1 | 20.1 | 21.8 | 21.8 | 21.8 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| GE 5000 | 20.5 | 20.5 | 20.5 | 20.5 | 22.2 | 22.2 | 22.2 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 |
| GE 4500 | 20.8 | 20.8 | 20.8 | 20.8 | 22.9 | 22.9 | 22.9 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 |
| GE 4000 | 23.5 | 23.5 | 23.5 | 23.5 | 25.9 | 25.9 | 25.9 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 |
| GE 3500 | 24.9 | 24.9 | 24.9 | 25.3 | 27.3 | 27.3 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 3000 | 28.3 | 28.3 | 28.3 | 28.7 | 31.4 | 31.4 | 31.4 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| GE 2500 | 34.1 | 34.1 | 34.1 | 34.5 | 38.6 | 38.6 | 38.6 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| GE 2000 | 38.6 | 38.6 | 38.6 | 39.2 | 43.7 | 43.7 | 43.7 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| GE 1800 | 41.3 | 41.3 | 41.3 | 41.6 | 46.8 | 46.8 | 46.8 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| GE 1600 | 46.1 | 46.1 | 46.1 | 46.4 | 53.9 | 53.9 | 53.9 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 1400 | 58.0 | 58.0 | 58.0 | 58.6 | 71.0 | 71.0 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 1200 | 60.8 | 60.8 | 61.4 | 61.8 | 76.4 | 76.4 | 76.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 1000 | 61.4 | 61.4 | 62.1 | 62.5 | 76.8 | 76.8 | 77.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 900 | 61.8 | 61.8 | 62.5 | 62.8 | 79.2 | 79.2 | 79.5 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 800 | 62.8 | 62.8 | 63.5 | 63.8 | 81.9 | 81.9 | 82.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 700 | 63.1 | 63.1 | 63.8 | 64.5 | 83.3 | 83.3 | 83.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 600 | 63.5 | 63.5 | 64.2 | 64.8 | 85.0 | 85.0 | 85.3 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 500 | 63.5 | 63.5 | 64.2 | 64.8 | 86.0 | 86.0 | 86.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 400 | 63.5 | 63.5 | 64.2 | 64.8 | 86.3 | 86.3 | 86.7 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 300 | 63.5 | 63.5 | 64.2 | 64.8 | 86.3 | 86.3 | 86.7 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 200 | 63.5 | 63.5 | 64.2 | 64.8 | 86.3 | 86.3 | 86.7 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 100 | 63.5 | 63.5 | 64.2 | 64.8 | 86.3 | 86.3 | 86.7 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 0 | 63.5 | 63.5 | 64.2 | 64.8 | 86.3 | 86.3 | 86.7 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): ALL

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|------|-----------------------------|------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|-------|
| IN | FEET | 1 | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 |
| NO CEIL | 1 | .3 | 11.8 | 11.8 | 11.9 | 11.9 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 |
| GE 20000 | 1 | .3 | 12.7 | 12.7 | 12.8 | 12.8 | 13.6 | 13.6 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| GE 18000 | 1 | .3 | 12.7 | 12.7 | 12.8 | 12.8 | 13.6 | 13.6 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| GE 16000 | 1 | .3 | 12.7 | 12.7 | 12.8 | 12.8 | 13.6 | 13.6 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| GE 14000 | 1 | .3 | 12.7 | 12.7 | 12.8 | 12.8 | 13.6 | 13.6 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| GE 12000 | 1 | .3 | 12.7 | 12.7 | 12.8 | 12.8 | 13.6 | 13.6 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.6 | 13.6 |
| GE 10000 | 1 | .3 | 18.1 | 18.1 | 18.3 | 18.3 | 20.3 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 9000 | 1 | .3 | 18.1 | 18.1 | 18.3 | 18.3 | 20.3 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 8000 | 1 | .3 | 18.1 | 18.1 | 18.3 | 18.3 | 20.3 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 7000 | 1 | .3 | 18.1 | 18.1 | 18.3 | 18.3 | 20.3 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 6000 | 1 | .3 | 18.1 | 18.2 | 18.3 | 18.4 | 20.4 | 20.5 | 20.5 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 |
| GE 5000 | 1 | .3 | 18.3 | 18.4 | 18.5 | 18.5 | 20.6 | 20.7 | 20.7 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 |
| GE 4500 | 1 | .3 | 18.6 | 18.7 | 18.8 | 18.9 | 21.0 | 21.1 | 21.1 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| GE 4000 | 1 | .3 | 20.3 | 20.4 | 20.5 | 20.6 | 22.8 | 22.9 | 22.9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.1 | 23.1 |
| GE 3500 | 1 | .3 | 21.3 | 21.4 | 21.5 | 21.6 | 23.9 | 23.9 | 24.0 | 24.1 | 24.1 | 24.1 | 24.1 | 24.1 | 24.1 | 24.2 | 24.2 |
| GE 3000 | 1 | .3 | 24.1 | 24.2 | 24.3 | 24.4 | 27.4 | 27.5 | 27.6 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 |
| GE 2500 | 1 | .3 | 32.6 | 32.6 | 32.9 | 33.0 | 36.9 | 37.0 | 37.1 | 37.1 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.4 | 37.4 |
| GE 2000 | 1 | .4 | 38.0 | 38.2 | 38.5 | 38.6 | 43.8 | 43.8 | 43.9 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| GE 1800 | 1 | .5 | 40.8 | 41.1 | 41.4 | 41.5 | 47.3 | 47.4 | 47.5 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 |
| GE 1500 | 1 | .6 | 45.3 | 45.6 | 45.9 | 46.1 | 53.7 | 53.8 | 53.9 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 |
| GE 1200 | 1 | .6 | 54.7 | 55.1 | 55.6 | 55.7 | 68.0 | 68.2 | 68.4 | 70.2 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 |
| GE 1000 | 1 | .6 | 57.6 | 58.0 | 58.6 | 58.7 | 73.8 | 73.9 | 74.1 | 76.4 | 76.4 | 76.7 | 76.9 | 76.8 | 76.8 | 77.0 | 77.0 |
| GE 900 | 1 | .6 | 58.2 | 58.6 | 59.2 | 59.3 | 75.8 | 76.0 | 76.2 | 79.1 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.6 | 79.7 |
| GE 800 | 1 | .6 | 59.1 | 59.5 | 60.1 | 60.3 | 79.2 | 79.3 | 79.5 | 82.7 | 83.0 | 83.0 | 83.1 | 83.2 | 83.2 | 83.4 | 83.4 |
| GE 700 | 1 | .6 | 59.6 | 60.3 | 60.9 | 61.1 | 82.1 | 82.2 | 82.5 | 87.2 | 87.5 | 87.5 | 87.6 | 87.7 | 87.7 | 88.0 | 88.0 |
| GE 600 | 1 | .6 | 60.1 | 60.6 | 61.2 | 61.4 | 83.7 | 83.9 | 84.1 | 90.2 | 90.9 | 91.2 | 91.3 | 91.4 | 91.6 | 91.6 | 91.7 |
| GE 500 | 1 | .6 | 60.7 | 61.2 | 61.8 | 62.0 | 85.2 | 85.4 | 85.7 | 92.6 | 93.7 | 94.0 | 94.3 | 94.4 | 94.7 | 94.7 | 94.8 |
| GE 400 | 1 | .6 | 60.7 | 61.2 | 61.9 | 62.1 | 86.3 | 86.4 | 86.9 | 94.3 | 95.5 | 96.1 | 96.6 | 96.9 | 97.1 | 97.1 | 97.2 |
| GE 300 | 1 | .6 | 60.8 | 61.3 | 61.9 | 62.2 | 86.8 | 87.0 | 87.4 | 95.1 | 96.4 | 97.1 | 97.9 | 98.3 | 98.8 | 98.8 | 99.1 |
| GE 200 | 1 | .6 | 60.9 | 61.3 | 62.0 | 62.2 | 86.9 | 87.0 | 87.5 | 95.3 | 96.6 | 97.1 | 98.1 | 98.5 | 99.1 | 99.3 | 99.6 |
| GE 100 | 1 | .6 | 60.9 | 61.4 | 62.0 | 62.2 | 86.9 | 87.1 | 87.6 | 95.4 | 96.7 | 97.4 | 98.2 | 98.6 | 99.5 | 99.7 | 100.0 |
| GE | 01 | .6 | 61.0 | 61.4 | 62.1 | 62.3 | 87.0 | 87.1 | 87.6 | 95.4 | 96.7 | 97.4 | 98.2 | 98.7 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2331

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-84
MONTH: DEC FOUR-SIX-SEVEN: 0000-0200

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE
1 | GE
10 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
1/8 |
| NO CELL | 1 | 11.2 | 11.2 | 11.2 | 11.2 | 15.2 | 15.2 | 15.2 | 16.2 | 16.5 | 16.5 | 16.5 | 16.5 | 17.2 | 17.2 | 17.2 | 17.2 |
| GE 20000 | | 12.5 | 12.5 | 12.5 | 12.5 | 16.5 | 16.5 | 16.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| GE 18000 | | 12.5 | 12.5 | 12.5 | 12.5 | 16.5 | 16.5 | 16.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| GE 16000 | | 12.5 | 12.5 | 12.5 | 12.5 | 16.5 | 16.5 | 16.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| GE 14000 | | 12.5 | 12.5 | 12.5 | 12.5 | 16.5 | 16.5 | 16.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| GE 12000 | | 12.5 | 12.5 | 12.5 | 12.5 | 16.5 | 16.5 | 16.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| GE 10000 | | 18.2 | 18.2 | 18.2 | 18.2 | 23.4 | 23.4 | 23.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 9000 | | 18.2 | 18.2 | 18.2 | 18.2 | 23.4 | 23.4 | 23.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 8000 | | 18.2 | 18.2 | 18.2 | 18.2 | 23.4 | 23.4 | 23.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 7000 | | 18.2 | 18.2 | 18.2 | 18.2 | 23.4 | 23.4 | 23.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 6000 | | 18.2 | 18.2 | 18.2 | 18.2 | 23.4 | 23.4 | 23.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| GE 5000 | | 18.5 | 18.5 | 18.5 | 18.5 | 23.8 | 23.8 | 23.8 | 24.8 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| GE 4500 | | 18.5 | 18.5 | 18.5 | 18.5 | 24.1 | 24.1 | 24.1 | 25.1 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 |
| GE 4000 | | 18.8 | 18.8 | 18.8 | 18.8 | 24.4 | 24.4 | 24.4 | 25.4 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| GE 3500 | | 18.8 | 18.8 | 18.8 | 18.8 | 24.8 | 24.8 | 24.8 | 25.7 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| GE 3000 | | 20.1 | 20.1 | 20.1 | 20.1 | 26.1 | 26.1 | 26.1 | 27.1 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 |
| GE 2500 | | 22.4 | 22.4 | 22.4 | 22.4 | 30.7 | 30.7 | 30.7 | 32.0 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| GE 2000 | | 25.7 | 25.7 | 25.7 | 25.7 | 35.3 | 35.3 | 35.3 | 37.3 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 1800 | | 27.7 | 27.7 | 27.7 | 27.7 | 38.9 | 38.9 | 38.9 | 40.9 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| GE 1600 | | 31.7 | 31.7 | 31.7 | 31.7 | 45.2 | 45.2 | 45.2 | 47.2 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| GE 1400 | | 37.0 | 37.0 | 37.0 | 37.0 | 58.4 | 58.4 | 58.4 | 62.4 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 1000 | | 39.6 | 39.6 | 39.6 | 39.6 | 64.4 | 64.4 | 64.4 | 68.6 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| GE 900 | | 40.3 | 40.3 | 40.3 | 40.3 | 66.7 | 66.7 | 66.7 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 800 | | 40.9 | 40.9 | 40.9 | 40.9 | 69.0 | 69.0 | 69.0 | 74.9 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| GE 700 | | 41.7 | 41.7 | 41.7 | 41.7 | 72.3 | 72.3 | 72.3 | 78.9 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 600 | | 41.6 | 41.6 | 41.6 | 41.6 | 76.6 | 76.6 | 76.6 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 500 | | 41.9 | 41.9 | 41.9 | 41.9 | 78.5 | 78.5 | 78.5 | 86.1 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 400 | | 43.2 | 43.2 | 43.2 | 43.2 | 81.5 | 81.5 | 81.5 | 89.1 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 300 | | 43.2 | 43.2 | 43.2 | 43.2 | 82.2 | 82.2 | 82.2 | 90.8 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 200 | | 43.2 | 43.2 | 43.2 | 43.2 | 82.2 | 82.2 | 82.2 | 90.8 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 100 | | 43.2 | 43.2 | 43.2 | 43.2 | 82.2 | 82.2 | 82.2 | 90.8 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 01 | | 43.2 | 43.2 | 43.2 | 43.2 | 82.2 | 82.2 | 82.2 | 90.8 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |

TOTAL NUMBER OF OBSERVATIONS: 331

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84
MONTH: DEC HOURS(DST): 11:50-12:00

TOTAL NUMBER OF OBSERVATIONS. 101

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS: 0600-0500

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 | GE
0 | |
| NO CEIL | | 12.8 | 12.8 | 12.8 | 12.8 | 16.4 | 16.4 | 16.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | |
| GE 20000 | | 13.8 | 13.8 | 13.8 | 13.8 | 17.4 | 17.4 | 17.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | |
| GE 18000 | | 13.8 | 13.8 | 13.8 | 13.8 | 17.4 | 17.4 | 17.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | |
| GE 16000 | | 13.8 | 13.8 | 13.8 | 13.8 | 17.4 | 17.4 | 17.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | |
| GE 14000 | | 13.8 | 13.8 | 13.8 | 13.8 | 17.4 | 17.4 | 17.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | |
| GE 12000 | | 13.8 | 13.8 | 13.8 | 13.8 | 17.4 | 17.4 | 17.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | |
| GE 10000 | | 20.1 | 20.1 | 20.1 | 20.1 | 25.8 | 26.2 | 26.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | |
| GE 9000 | | 20.1 | 20.1 | 20.1 | 20.1 | 25.8 | 26.2 | 26.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | |
| GE 8000 | | 20.1 | 20.1 | 20.1 | 20.1 | 25.8 | 26.2 | 26.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | |
| GE 7000 | | 20.1 | 20.1 | 20.1 | 20.1 | 25.8 | 26.2 | 26.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | |
| GE 6000 | | 20.1 | 20.1 | 20.1 | 20.1 | 25.8 | 26.2 | 26.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | |
| GE 5000 | | 20.5 | 20.5 | 20.5 | 20.5 | 26.2 | 27.5 | 26.8 | 28.9 | 28.9 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | |
| GE 4500 | | 20.8 | 20.8 | 20.8 | 20.8 | 26.5 | 26.8 | 27.2 | 29.2 | 29.2 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | |
| GE 4000 | | 21.1 | 21.1 | 21.1 | 21.1 | 26.8 | 27.2 | 27.5 | 29.5 | 29.5 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | |
| GE 3500 | | 21.5 | 21.5 | 21.5 | 21.5 | 27.2 | 27.5 | 27.9 | 29.9 | 29.9 | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 | |
| GE 3000 | | 22.5 | 22.5 | 22.5 | 22.5 | 29.5 | 29.9 | 30.2 | 32.2 | 32.2 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | |
| GE 2500 | | 24.8 | 24.8 | 24.8 | 24.8 | 32.6 | 32.9 | 33.2 | 35.2 | 35.2 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | |
| GE 2000 | | 26.5 | 26.5 | 26.5 | 26.5 | 35.6 | 35.9 | 36.2 | 38.6 | 38.6 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | |
| GE 1800 | | 27.5 | 27.5 | 27.5 | 27.5 | 36.9 | 37.2 | 37.6 | 39.9 | 39.9 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | |
| GE 1600 | | 31.2 | 31.2 | 31.2 | 31.2 | 44.0 | 44.3 | 44.6 | 47.3 | 47.3 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | |
| GE 1200 | | 38.6 | 38.6 | 38.6 | 38.6 | 58.1 | 58.4 | 58.7 | 62.4 | 62.4 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | |
| GE 1000 | .3 | 42.6 | 42.6 | 42.6 | 42.6 | 67.8 | 68.5 | 68.8 | 72.4 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | |
| GE 900 | .3 | 43.0 | 43.0 | 43.0 | 43.0 | 69.5 | 70.1 | 70.5 | 75.5 | 75.5 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | |
| GE 800 | .3 | 44.3 | 44.3 | 44.3 | 44.3 | 72.1 | 72.8 | 73.2 | 79.5 | 79.5 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | |
| GE 700 | .3 | 45.0 | 45.0 | 45.0 | 45.0 | 75.5 | 76.2 | 76.8 | 84.6 | 84.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | |
| GE 600 | .3 | 45.3 | 45.3 | 45.3 | 45.3 | 77.5 | 78.2 | 78.9 | 86.9 | 86.9 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | |
| GE 500 | .3 | 46.3 | 46.3 | 46.3 | 46.3 | 79.5 | 80.5 | 81.2 | 90.6 | 90.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | |
| GE 400 | .3 | 46.3 | 46.3 | 46.3 | 46.3 | 81.2 | 82.2 | 82.9 | 93.0 | 93.0 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | |
| GE 300 | .3 | 46.3 | 46.3 | 46.3 | 46.3 | 81.5 | 82.6 | 83.2 | 94.0 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | |
| GE 200 | .3 | 46.3 | 46.3 | 46.3 | 46.3 | 81.5 | 82.6 | 83.2 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | |
| GE 100 | .3 | 46.3 | 46.3 | 46.3 | 46.3 | 81.5 | 82.6 | 83.2 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | |
| GE 0 | .3 | 46.3 | 46.3 | 46.3 | 46.3 | 81.5 | 82.6 | 83.2 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | |

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-P
MONTH: FEB HOURS(UTC): 0600-1100

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|--------|------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 7/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | | 12.7 | 12.7 | 12.7 | 12.7 | 15.2 | 15.2 | 15.2 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.7 | 17.7 |
| GE 20000 | | | 13.4 | 13.4 | 13.4 | 13.4 | 16.3 | 16.3 | 16.3 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.7 | 18.7 |
| GE 18000 | | | 13.4 | 13.4 | 13.4 | 13.4 | 16.3 | 16.3 | 16.3 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.7 | 18.7 |
| GE 16000 | | | 13.4 | 13.4 | 13.4 | 13.4 | 16.3 | 16.3 | 16.3 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.7 | 18.7 |
| GE 14000 | | | 13.4 | 13.4 | 13.4 | 13.4 | 16.3 | 16.3 | 16.3 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.7 | 18.7 |
| GE 12000 | | | 13.4 | 13.4 | 13.4 | 13.4 | 16.3 | 16.3 | 16.3 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.7 | 18.7 |
| GE 10000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 9000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 8000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 7000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 6000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 5000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 4500 | | | 17.3 | 17.3 | 17.3 | 17.3 | 22.6 | 22.6 | 22.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 26.1 | 26.1 |
| GE 4000 | | | 17.3 | 17.3 | 17.3 | 17.3 | 23.0 | 23.0 | 23.0 | 25.4 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.5 | 26.5 |
| GE 3500 | | | 17.3 | 17.3 | 17.3 | 17.3 | 23.5 | 23.5 | 23.5 | 26.1 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.9 | 26.9 |
| GE 3000 | | | 19.1 | 19.1 | 19.1 | 19.1 | 25.1 | 25.1 | 25.1 | 27.7 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.6 | 28.6 |
| GE 2500 | | | 23.0 | 23.0 | 23.0 | 23.0 | 30.0 | 30.0 | 30.0 | 32.9 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.6 | 33.6 |
| GE 2000 | | | 25.4 | 25.4 | 25.4 | 25.4 | 35.3 | 35.3 | 35.3 | 38.2 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.9 | 38.9 |
| GE 1800 | | | 28.6 | 28.6 | 28.6 | 28.6 | 38.9 | 38.9 | 38.9 | 41.7 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.4 | 42.4 |
| GE 1500 | | | 32.9 | 32.9 | 32.9 | 32.9 | 45.9 | 45.9 | 45.9 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.2 | 50.2 |
| GE 1200 | | | 39.2 | 39.2 | 39.2 | 39.2 | 56.9 | 56.9 | 56.9 | 61.8 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.9 | 62.9 |
| GE 1000 | .4 | | 42.8 | 42.8 | 42.8 | 42.8 | 64.7 | 64.7 | 64.7 | 70.7 | 71.0 | 71.0 | 71.4 | 71.4 | 71.4 | 71.7 | 71.7 |
| GE 900 | .4 | | 44.2 | 44.2 | 44.2 | 44.2 | 67.1 | 67.1 | 67.1 | 73.1 | 73.5 | 73.5 | 74.2 | 74.2 | 74.2 | 74.6 | 74.6 |
| GE 800 | .4 | | 46.6 | 46.6 | 46.6 | 46.6 | 72.1 | 72.1 | 72.1 | 78.1 | 78.4 | 78.4 | 79.2 | 79.2 | 79.2 | 79.5 | 79.5 |
| GE 700 | .4 | | 47.3 | 47.3 | 47.3 | 47.3 | 76.3 | 76.3 | 76.3 | 83.7 | 84.1 | 84.1 | 85.2 | 85.2 | 85.2 | 85.5 | 85.5 |
| GE 600 | .4 | | 47.3 | 47.3 | 47.3 | 47.3 | 77.4 | 77.4 | 77.4 | 85.5 | 86.2 | 86.2 | 87.3 | 87.3 | 87.3 | 88.7 | 88.7 |
| GE 500 | .4 | | 48.1 | 48.1 | 48.1 | 48.1 | 79.9 | 79.9 | 79.9 | 89.0 | 89.7 | 89.7 | 91.5 | 91.5 | 91.5 | 91.9 | 91.9 |
| GE 400 | .4 | | 48.1 | 48.1 | 48.1 | 48.1 | 80.2 | 80.2 | 80.2 | 89.8 | 90.5 | 90.5 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| GE 300 | .4 | | 48.1 | 48.1 | 48.1 | 48.1 | 82.0 | 82.0 | 82.0 | 92.6 | 93.3 | 93.3 | 94.7 | 94.7 | 94.7 | 95.3 | 95.3 |
| GE 200 | .4 | | 48.1 | 48.1 | 48.1 | 48.1 | 82.3 | 82.3 | 82.3 | 92.9 | 93.6 | 93.6 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 |
| GE 100 | .4 | | 48.1 | 48.1 | 48.1 | 48.1 | 82.3 | 82.3 | 82.3 | 92.9 | 93.6 | 93.6 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 |
| GE 70 | .4 | | 48.1 | 48.1 | 48.1 | 48.1 | 82.3 | 82.3 | 82.3 | 92.9 | 93.6 | 93.6 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 |

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
L.SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260633 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-84
MONTH: DEC HOURLY: 1700-1900

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | VISIBILITY IN STATUTE MILES | | | | | | | VISIBILITY IN STATUTE MILES | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|-----------------------------|-------------|-------------|---------|-----------|-----------|-----------|-----------------------------|-----------|-----------|------------|------------|------------|-------------|
| | GE
1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
1/8 | GE
1/16 | GE
1/32 | GE
1/64 | GE
1/128 |
| NO CEIL | 1 | .7 | 13.5 | 13.5 | 13.5 | 13.5 | 18.2 | 18.2 | 18.2 | 19.1 | 19.5 | 19.5 | 19.5 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 |
| GE 20000 | 1 | .7 | 14.2 | 14.2 | 14.2 | 14.2 | 18.8 | 18.8 | 18.8 | 19.8 | 20.1 | 20.1 | 20.1 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 18000 | 1 | .7 | 14.2 | 14.2 | 14.2 | 14.2 | 18.8 | 18.8 | 18.8 | 19.8 | 20.1 | 20.1 | 20.1 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 16000 | 1 | .7 | 14.2 | 14.2 | 14.2 | 14.2 | 18.8 | 18.8 | 18.8 | 19.8 | 20.1 | 20.1 | 20.1 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 14000 | 1 | .7 | 14.2 | 14.2 | 14.2 | 14.2 | 18.8 | 18.8 | 18.8 | 19.8 | 20.1 | 20.1 | 20.1 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 12000 | 1 | .7 | 14.2 | 14.2 | 14.2 | 14.2 | 18.8 | 18.8 | 18.8 | 19.8 | 20.1 | 20.1 | 20.1 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 |
| GE 10000 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.1 | 28.1 | 28.1 | 30.4 | 30.7 | 30.7 | 30.7 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| GE 9000 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.1 | 28.1 | 28.1 | 30.4 | 30.7 | 30.7 | 30.7 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| GE 8000 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.4 | 28.4 | 28.4 | 30.7 | 31.0 | 31.0 | 31.0 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| GE 7000 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.4 | 28.4 | 28.4 | 30.7 | 31.0 | 31.0 | 31.0 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| GE 6000 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.4 | 28.4 | 28.4 | 30.7 | 31.0 | 31.0 | 31.0 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| GE 5000 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.4 | 28.4 | 28.4 | 30.7 | 31.0 | 31.0 | 31.0 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| GE 4500 | 1 | .7 | 21.5 | 21.5 | 21.5 | 21.5 | 28.4 | 28.4 | 28.4 | 30.7 | 31.0 | 31.0 | 31.0 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| GE 4000 | 1 | .7 | 22.1 | 22.1 | 22.1 | 22.1 | 29.0 | 29.0 | 29.0 | 31.4 | 31.7 | 31.7 | 31.7 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| GE 3500 | 1 | .7 | 22.1 | 22.1 | 22.1 | 22.1 | 29.0 | 29.0 | 29.0 | 31.4 | 31.7 | 31.7 | 31.7 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| GE 3000 | 1 | .7 | 23.6 | 23.6 | 23.6 | 23.6 | 31.0 | 31.0 | 31.0 | 33.3 | 33.7 | 33.7 | 33.7 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| GE 2500 | 1 | .7 | 26.4 | 26.4 | 26.4 | 26.4 | 34.7 | 34.7 | 34.7 | 37.0 | 37.3 | 37.3 | 37.3 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| GE 2000 | 1 | .7 | 29.4 | 29.4 | 29.4 | 29.4 | 38.3 | 38.3 | 38.3 | 40.6 | 40.9 | 40.9 | 40.9 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| GE 1800 | 1 | .7 | 30.4 | 30.4 | 30.4 | 30.4 | 39.6 | 39.6 | 39.6 | 41.9 | 42.2 | 42.2 | 42.2 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 |
| GE 1600 | 1 | .7 | 32.7 | 32.7 | 32.7 | 32.7 | 43.2 | 43.2 | 43.2 | 45.9 | 46.9 | 46.9 | 46.9 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| GE 1400 | 1 | .7 | 41.3 | 41.3 | 41.3 | 41.3 | 55.8 | 56.1 | 56.4 | 60.1 | 61.1 | 61.1 | 61.1 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 1000 | 1 | .7 | 43.6 | 43.6 | 43.6 | 43.6 | 62.7 | 63.0 | 63.4 | 67.7 | 68.6 | 68.6 | 68.6 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| GE 900 | 1 | .7 | 45.2 | 45.2 | 45.2 | 45.2 | 67.3 | 67.7 | 68.6 | 74.6 | 75.6 | 75.6 | 75.6 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 800 | 1 | .7 | 45.5 | 45.5 | 45.5 | 45.5 | 69.3 | 69.6 | 71.0 | 79.2 | 80.5 | 80.5 | 80.5 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 700 | 1 | .7 | 45.9 | 45.9 | 45.9 | 45.9 | 72.9 | 73.3 | 74.6 | 83.5 | 85.1 | 85.1 | 85.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 600 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 73.9 | 74.3 | 75.6 | 85.8 | 87.8 | 87.8 | 87.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 500 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 74.9 | 75.2 | 76.9 | 87.5 | 89.6 | 89.6 | 89.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 400 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 75.9 | 76.2 | 77.9 | 89.8 | 92.4 | 92.4 | 92.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 300 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 76.2 | 76.6 | 78.2 | 90.8 | 93.4 | 93.4 | 93.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 200 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 76.6 | 76.9 | 78.5 | 91.1 | 93.7 | 93.7 | 93.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 100 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 76.6 | 76.9 | 78.5 | 91.1 | 93.7 | 93.7 | 93.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 0 | 1 | .7 | 46.2 | 46.2 | 46.2 | 46.2 | 76.6 | 76.9 | 78.5 | 91.1 | 93.7 | 93.7 | 93.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-84
MONTH: DEC HOURS(IST): 1500-1700

| CEILING
IN
FEET | 1 | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 | GE
1/8 |
|-----------------------|---|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| NO CEIL | 1 | .7 | 15.4 | 15.4 | 15.4 | 15.4 | 19.3 | 19.3 | 19.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 |
| GE 20000 | 1 | .7 | 17.0 | 17.0 | 17.0 | 17.0 | 21.3 | 21.3 | 21.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 |
| GE 18000 | 1 | .7 | 17.0 | 17.0 | 17.0 | 17.0 | 21.3 | 21.3 | 21.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 |
| GE 16000 | 1 | .7 | 17.0 | 17.0 | 17.0 | 17.0 | 21.3 | 21.3 | 21.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 |
| GE 14000 | 1 | .7 | 17.0 | 17.0 | 17.0 | 17.0 | 21.3 | 21.3 | 21.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 |
| GE 12000 | 1 | .7 | 17.0 | 17.0 | 17.0 | 17.0 | 21.3 | 21.3 | 21.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 |
| GE 10000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 9000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 8000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 7000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 6000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 5000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 4500 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 4000 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 3500 | 1 | 1.0 | 24.3 | 24.3 | 24.3 | 24.3 | 31.1 | 31.1 | 31.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 3000 | 1 | 1.3 | 25.6 | 25.6 | 25.6 | 25.6 | 32.5 | 32.5 | 32.5 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 |
| GE 2500 | 1 | 1.3 | 27.2 | 27.2 | 27.2 | 27.2 | 35.7 | 35.7 | 35.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| GE 2000 | 1 | 1.3 | 30.8 | 30.8 | 30.8 | 30.8 | 40.7 | 41.0 | 41.0 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| GE 1800 | 1 | 1.3 | 32.8 | 32.8 | 32.8 | 32.8 | 43.3 | 43.6 | 43.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 1600 | 1 | 1.3 | 35.4 | 35.4 | 35.4 | 35.4 | 47.2 | 47.5 | 47.5 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| GE 1400 | 1 | 1.3 | 43.9 | 43.9 | 43.9 | 43.9 | 64.3 | 64.6 | 64.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 1200 | 1 | 1.3 | 47.5 | 47.5 | 47.5 | 47.5 | 70.2 | 70.8 | 70.8 | 75.7 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 1000 | 1 | 1.3 | 47.9 | 47.9 | 47.9 | 47.9 | 71.5 | 72.1 | 72.1 | 77.4 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 900 | 1 | 1.3 | 48.5 | 48.5 | 48.5 | 48.5 | 75.1 | 76.1 | 76.1 | 82.0 | 82.3 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 800 | 1 | 1.3 | 48.9 | 48.9 | 48.9 | 48.9 | 77.4 | 78.4 | 78.7 | 85.9 | 86.6 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 700 | 1 | 1.3 | 49.2 | 49.2 | 49.2 | 49.2 | 80.7 | 81.6 | 82.0 | 89.5 | 90.2 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 600 | 1 | 1.3 | 49.5 | 49.5 | 49.5 | 49.5 | 81.3 | 82.3 | 82.6 | 91.1 | 92.1 | 93.4 | 94.4 | 94.4 | 94.4 | 94.8 | 94.8 | 94.8 |
| GE 500 | 1 | 1.3 | 49.8 | 49.8 | 49.8 | 49.8 | 82.6 | 83.6 | 83.9 | 92.4 | 94.1 | 95.4 | 96.4 | 96.4 | 96.4 | 96.7 | 96.7 | 96.7 |
| GE 400 | 1 | 1.3 | 50.2 | 50.2 | 50.2 | 50.2 | 83.0 | 83.9 | 84.3 | 93.4 | 95.1 | 96.4 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 |
| GE 300 | 1 | 1.3 | 50.2 | 50.2 | 50.2 | 50.2 | 83.3 | 84.3 | 84.6 | 94.1 | 95.4 | 96.7 | 98.4 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 |
| GE 200 | 1 | 1.3 | 50.2 | 50.2 | 50.2 | 50.2 | 83.3 | 84.3 | 84.6 | 94.1 | 95.4 | 96.7 | 98.4 | 98.4 | 98.4 | 99.7 | 99.7 | 99.7 |
| GE 100 | 1 | 1.3 | 50.2 | 50.2 | 50.2 | 50.2 | 83.3 | 84.3 | 84.6 | 94.1 | 95.4 | 96.7 | 98.4 | 98.4 | 98.4 | 99.7 | 99.7 | 100.0 |
| GE 0 | 1 | 1.3 | 50.2 | 50.2 | 50.2 | 50.2 | 83.3 | 84.3 | 84.6 | 94.1 | 95.4 | 96.7 | 98.4 | 98.4 | 98.4 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(UTC): 1900-2000

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | 2 1/2 | GE
2 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
7/8 | GE
5/8 | GE
1/2 | GE
7/16 | GE
1/4 |
| NO CEIL | .7 | 13.8 | 13.8 | 13.8 | 13.8 | 16.4 | 16.4 | 16.4 | 18.4 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 |
| GE 20000 | .7 | 15.8 | 15.8 | 15.8 | 15.8 | 18.4 | 18.4 | 18.4 | 20.4 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| GE 18000 | .7 | 15.8 | 15.8 | 15.8 | 15.8 | 18.4 | 18.4 | 18.4 | 20.4 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| GE 16000 | .7 | 15.8 | 15.8 | 15.8 | 15.8 | 18.4 | 18.4 | 18.4 | 20.4 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| GE 14000 | .7 | 15.8 | 15.8 | 15.8 | 15.8 | 18.4 | 18.4 | 18.4 | 20.4 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| GE 12000 | .7 | 15.8 | 15.8 | 15.8 | 15.8 | 18.4 | 18.4 | 18.4 | 20.4 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| GE 10000 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 9000 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 8000 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 7000 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 6000 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 5000 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 4500 | .7 | 19.4 | 19.4 | 19.4 | 19.4 | 24.0 | 24.0 | 24.0 | 27.3 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 4000 | .7 | 20.4 | 20.4 | 20.4 | 20.4 | 25.0 | 25.0 | 25.0 | 28.3 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| GE 3500 | .7 | 20.7 | 20.7 | 20.7 | 20.7 | 25.3 | 25.3 | 25.3 | 28.6 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| GE 3000 | .7 | 20.7 | 20.7 | 20.7 | 20.7 | 25.7 | 25.7 | 25.7 | 28.9 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 |
| GE 2500 | .7 | 24.7 | 24.7 | 24.7 | 24.7 | 29.6 | 29.6 | 29.6 | 32.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| GE 2000 | .7 | 27.0 | 27.0 | 27.0 | 27.0 | 33.6 | 33.6 | 33.6 | 37.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| GE 1800 | .7 | 28.3 | 28.3 | 28.3 | 28.3 | 35.2 | 35.2 | 35.2 | 38.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| GE 1600 | .7 | 31.9 | 31.9 | 31.9 | 31.9 | 40.8 | 41.1 | 41.1 | 45.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| GE 1400 | .7 | 39.1 | 39.1 | 39.1 | 39.1 | 57.2 | 57.9 | 58.6 | 64.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 1000 | .7 | 40.5 | 40.5 | 40.5 | 41.1 | 62.5 | 63.2 | 63.8 | 71.1 | 72.0 | 72.0 | 72.0 | 72.0 | 72.4 | 72.4 |
| GE 900 | .7 | 41.8 | 41.8 | 41.8 | 42.4 | 65.8 | 66.4 | 67.1 | 74.3 | 75.3 | 75.3 | 75.3 | 75.7 | 76.0 | 76.0 |
| GE 800 | .7 | 42.4 | 42.4 | 42.4 | 43.1 | 68.1 | 69.1 | 69.7 | 78.3 | 79.3 | 79.3 | 79.3 | 79.6 | 79.9 | 79.9 |
| GE 700 | .7 | 43.1 | 43.1 | 43.1 | 43.8 | 73.0 | 74.0 | 74.7 | 83.9 | 85.5 | 85.5 | 85.5 | 85.9 | 86.2 | 86.2 |
| GE 600 | .7 | 44.1 | 44.1 | 44.1 | 44.7 | 75.7 | 76.6 | 77.6 | 88.9 | 90.8 | 91.4 | 91.8 | 92.1 | 92.4 | 92.4 |
| GE 500 | .7 | 44.4 | 44.4 | 44.4 | 45.1 | 77.0 | 78.0 | 78.9 | 90.5 | 92.8 | 93.4 | 94.1 | 94.4 | 94.7 | 94.7 |
| GE 400 | .7 | 44.7 | 44.7 | 44.7 | 45.4 | 78.0 | 78.9 | 79.9 | 92.8 | 95.1 | 95.7 | 96.7 | 97.0 | 97.4 | 97.7 |
| GE 300 | .7 | 44.7 | 44.7 | 44.7 | 45.4 | 78.3 | 79.3 | 80.3 | 93.8 | 96.4 | 97.0 | 98.4 | 98.7 | 99.0 | 99.3 |
| GE 200 | .7 | 44.7 | 44.7 | 44.7 | 45.4 | 78.9 | 79.9 | 80.9 | 94.4 | 97.0 | 97.7 | 99.0 | 99.3 | 99.7 | 100.0 |
| GE 100 | .7 | 44.7 | 44.7 | 44.7 | 45.4 | 78.9 | 79.9 | 80.9 | 94.4 | 97.0 | 97.7 | 99.0 | 99.3 | 99.7 | 100.0 |
| GE 0 | .7 | 44.7 | 44.7 | 44.7 | 45.4 | 78.9 | 79.9 | 80.9 | 94.4 | 97.0 | 97.7 | 99.0 | 99.3 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VARIOUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-80
MONTHS: DEC HOURLY: 2100-2300

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE
10 | GE
6 | GE
5 | GE
4 | GE
3 | GE
2 | GE
1 1/2 | GE
1 | GE
1 1/2 | GE
1 1/4 | GE
1 | GE
3/4 | GE
5/8 | GE
1/2 | GE
5/16 | GE
1/4 |
| NO CEIL | 12.8 | 12.8 | 12.8 | 12.8 | 15.7 | 15.7 | 15.7 | 17.4 | 17.4 | 17.4 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| GE 20000 | 14.1 | 14.1 | 14.1 | 14.1 | 17.0 | 17.0 | 17.0 | 18.7 | 18.7 | 18.7 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| GE 18000 | 14.1 | 14.1 | 14.1 | 14.1 | 17.0 | 17.0 | 17.0 | 18.7 | 18.7 | 18.7 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| GE 16000 | 14.1 | 14.1 | 14.1 | 14.1 | 17.0 | 17.0 | 17.0 | 18.7 | 18.7 | 18.7 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| GE 14000 | 14.1 | 14.1 | 14.1 | 14.1 | 17.0 | 17.0 | 17.0 | 18.7 | 18.7 | 18.7 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| GE 12000 | 14.1 | 14.1 | 14.1 | 14.1 | 17.0 | 17.0 | 17.0 | 18.7 | 18.7 | 18.7 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| GE 10000 | 16.7 | 16.7 | 16.7 | 16.7 | 21.3 | 21.3 | 21.3 | 23.9 | 23.9 | 23.9 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 9000 | 16.7 | 16.7 | 16.7 | 16.7 | 21.3 | 21.3 | 21.3 | 23.9 | 23.9 | 23.9 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 8000 | 16.7 | 16.7 | 16.7 | 16.7 | 21.3 | 21.3 | 21.3 | 23.9 | 23.9 | 23.9 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 7000 | 16.7 | 16.7 | 16.7 | 16.7 | 21.3 | 21.3 | 21.3 | 23.9 | 23.9 | 23.9 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 6000 | 16.7 | 16.7 | 16.7 | 16.7 | 21.3 | 21.3 | 21.3 | 23.9 | 23.9 | 23.9 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 5000 | 16.7 | 16.7 | 16.7 | 16.7 | 21.3 | 21.3 | 21.3 | 23.9 | 23.9 | 23.9 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 |
| GE 4500 | 17.0 | 17.0 | 17.0 | 17.0 | 21.6 | 21.6 | 21.6 | 24.3 | 24.3 | 24.3 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 |
| GE 4000 | 17.0 | 17.0 | 17.0 | 17.0 | 22.0 | 22.0 | 22.0 | 24.6 | 24.6 | 24.6 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| GE 3500 | 17.0 | 17.0 | 17.0 | 17.0 | 22.3 | 22.3 | 22.3 | 24.9 | 24.9 | 24.9 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 |
| GE 3000 | 17.7 | 17.7 | 17.7 | 17.7 | 23.0 | 23.0 | 23.0 | 25.6 | 25.6 | 25.6 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 |
| GE 2500 | 21.3 | 21.3 | 21.3 | 21.3 | 27.5 | 27.5 | 27.5 | 30.2 | 30.2 | 30.2 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 |
| GE 2000 | 23.3 | 23.3 | 23.3 | 23.3 | 30.2 | 30.2 | 30.2 | 33.4 | 33.4 | 33.4 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 |
| GE 1800 | 24.6 | 24.6 | 24.6 | 24.6 | 33.1 | 33.1 | 33.1 | 36.7 | 36.7 | 36.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 |
| GE 1500 | 27.9 | 27.9 | 27.9 | 27.9 | 40.7 | 40.7 | 40.7 | 44.9 | 44.9 | 44.9 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| GE 1200 | 32.5 | 32.5 | 32.5 | 32.5 | 54.4 | 54.4 | 54.4 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 1000 | 37.7 | 37.7 | 37.7 | 37.7 | 62.3 | 62.3 | 62.3 | 68.9 | 68.9 | 68.9 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 900 | 38.0 | 38.0 | 38.0 | 38.0 | 63.9 | 63.9 | 63.9 | 70.4 | 70.4 | 70.4 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| GE 800 | 40.3 | 40.3 | 40.3 | 40.3 | 69.2 | 69.2 | 69.2 | 75.0 | 75.0 | 75.0 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 700 | 41.0 | 41.0 | 41.0 | 41.0 | 76.1 | 76.1 | 76.1 | 82.7 | 82.7 | 82.7 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 600 | 41.0 | 41.0 | 41.0 | 41.0 | 77.7 | 77.7 | 77.7 | 84.9 | 84.9 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 500 | 41.3 | 41.3 | 41.3 | 41.3 | 79.0 | 79.0 | 79.0 | 86.5 | 86.5 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 400 | 41.6 | 41.6 | 41.6 | 41.6 | 82.0 | 82.0 | 82.0 | 89.1 | 89.1 | 89.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 300 | 41.6 | 41.6 | 41.6 | 41.6 | 82.3 | 82.3 | 82.3 | 89.4 | 89.4 | 89.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 200 | 41.6 | 41.6 | 41.6 | 41.6 | 83.0 | 83.0 | 83.0 | 89.9 | 89.9 | 89.9 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 100 | 41.6 | 41.6 | 41.6 | 41.6 | 83.3 | 83.3 | 83.3 | 89.4 | 89.4 | 89.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 0 | 41.6 | 41.6 | 41.6 | 41.6 | 83.3 | 83.3 | 83.3 | 89.4 | 89.4 | 89.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-88
MONTH: ALL HOURS: ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|------|----------|------|--------|--------|--------|---------|---------|---------|----------|----------|----------|-----------|-----------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 1/2 | GE 1/4 | GE 1/8 | GE 1/16 | GE 1/32 | GE 1/64 | GE 1/128 | GE 1/256 | GE 1/512 | GE 1/1024 | GE 1/2048 |
| NO CEIL | 1 | 12 | 13.1 | 13.1 | 13.1 | 13.1 | 16.7 | 16.7 | 16.7 | 18.1 | 18.2 | 19.2 | 19.4 | 19.5 | 19.6 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 20000 | 12 | 14.2 | 14.2 | 14.2 | 14.2 | 17.9 | 17.9 | 17.9 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 18000 | 12 | 14.2 | 14.2 | 14.2 | 14.2 | 17.9 | 17.9 | 17.9 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 16000 | 12 | 14.2 | 14.2 | 14.2 | 14.2 | 17.9 | 17.9 | 17.9 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 14000 | 12 | 14.2 | 14.2 | 14.2 | 14.2 | 17.9 | 17.9 | 17.9 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 12000 | 12 | 14.2 | 14.2 | 14.2 | 14.2 | 17.9 | 17.9 | 17.9 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| GE 10000 | 13 | 19.2 | 19.2 | 19.2 | 19.2 | 24.9 | 25.0 | 25.1 | 27.4 | 27.6 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| GE 9000 | 13 | 19.2 | 19.2 | 19.2 | 19.2 | 24.9 | 25.0 | 25.1 | 27.4 | 27.6 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| GE 8000 | 13 | 19.2 | 19.2 | 19.2 | 19.2 | 24.9 | 25.0 | 25.1 | 27.4 | 27.6 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| GE 7000 | 13 | 19.2 | 19.2 | 19.2 | 19.2 | 24.9 | 25.0 | 25.1 | 27.4 | 27.6 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| GE 6000 | 13 | 19.2 | 19.2 | 19.2 | 19.2 | 24.9 | 25.0 | 25.1 | 27.4 | 27.6 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| GE 5000 | 13 | 19.3 | 19.3 | 19.3 | 19.3 | 25.0 | 25.1 | 25.2 | 27.5 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| GE 4000 | 13 | 19.5 | 19.5 | 19.5 | 19.5 | 25.2 | 25.3 | 25.4 | 27.7 | 27.9 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| GE 3500 | 13 | 19.9 | 19.9 | 19.9 | 19.9 | 25.7 | 25.9 | 26.0 | 28.2 | 28.4 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 |
| GE 3000 | 13 | 20.1 | 20.1 | 20.1 | 20.1 | 26.0 | 26.1 | 26.2 | 28.5 | 28.7 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 |
| GE 2500 | 13 | 21.1 | 21.1 | 21.1 | 21.1 | 27.4 | 27.5 | 27.6 | 28.9 | 29.1 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 |
| GE 2000 | 14 | 24.0 | 24.0 | 24.0 | 24.0 | 31.3 | 31.3 | 31.4 | 33.8 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| GE 1800 | 14 | 26.5 | 26.5 | 26.5 | 26.5 | 35.0 | 35.2 | 35.3 | 37.9 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| GE 1600 | 14 | 28.1 | 28.1 | 28.1 | 28.1 | 37.4 | 37.6 | 37.8 | 40.4 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| GE 1400 | 14 | 31.7 | 31.7 | 31.7 | 31.7 | 43.4 | 43.7 | 43.9 | 46.9 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| GE 1200 | 14 | 34.6 | 34.6 | 34.6 | 34.6 | 47.8 | 48.1 | 48.5 | 52.4 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 1000 | 14 | 41.9 | 41.9 | 41.9 | 41.9 | 65.1 | 65.5 | 65.9 | 70.9 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 900 | 14 | 42.7 | 42.7 | 42.7 | 42.7 | 67.4 | 67.9 | 68.3 | 73.8 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 800 | 14 | 43.8 | 43.8 | 43.8 | 43.8 | 70.7 | 71.4 | 71.9 | 77.4 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| GE 700 | 14 | 44.4 | 44.4 | 44.4 | 44.4 | 74.9 | 75.5 | 76.2 | 81.6 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 600 | 14 | 44.8 | 44.8 | 44.8 | 44.8 | 77.3 | 78.0 | 78.7 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE 500 | 14 | 45.1 | 45.1 | 45.1 | 45.1 | 78.9 | 79.6 | 80.4 | 86.4 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 400 | 14 | 45.6 | 45.6 | 45.6 | 45.6 | 80.5 | 81.2 | 82.1 | 88.4 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 300 | 14 | 45.6 | 45.6 | 45.6 | 45.6 | 81.1 | 81.8 | 82.6 | 89.1 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 200 | 14 | 45.6 | 45.6 | 45.6 | 45.6 | 81.3 | 82.1 | 82.9 | 89.7 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 100 | 14 | 45.6 | 45.6 | 45.6 | 45.6 | 81.4 | 82.1 | 83.0 | 89.8 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |

TOTAL NUMBER OF OBSERVATIONS: 2492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 240610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS: ALL

| CEILING
IN
FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | GE
1 | GE
10 | GE
15 | GE
20 | GE
25 | GE
30 | GE
35 | GE
40 | GE
45 | GE
50 | GE
55 | GE
60 | GE
65 | GE
70 | GE
75 | GE
80 |
| NO CEIL | 1.7 | 27.9 | 27.9 | 28.0 | 28.0 | 31.5 | 31.6 | 31.6 | 32.3 | 32.5 | 32.7 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 |
| GE 20000 | 2.0 | 30.0 | 30.0 | 30.0 | 30.0 | 32.9 | 34.0 | 34.0 | 34.8 | 35.0 | 35.0 | 35.2 | 35.2 | 35.3 | 35.3 | 35.4 |
| GE 18000 | 2.0 | 30.0 | 30.0 | 30.0 | 30.0 | 34.0 | 34.0 | 34.0 | 34.8 | 35.0 | 35.0 | 35.2 | 35.2 | 35.3 | 35.3 | 35.4 |
| GE 16000 | 2.0 | 30.0 | 30.0 | 30.0 | 30.0 | 34.0 | 34.0 | 34.0 | 34.8 | 35.0 | 35.0 | 35.2 | 35.2 | 35.3 | 35.3 | 35.4 |
| GE 14000 | 2.0 | 30.0 | 30.0 | 30.0 | 30.0 | 34.0 | 34.0 | 34.0 | 34.8 | 35.0 | 35.0 | 35.2 | 35.2 | 35.3 | 35.3 | 35.4 |
| GE 12000 | 2.0 | 30.0 | 30.0 | 30.0 | 30.0 | 34.0 | 34.0 | 34.1 | 34.9 | 35.0 | 35.0 | 35.2 | 35.2 | 35.3 | 35.4 | 35.4 |
| GE 10000 | 2.5 | 39.1 | 39.1 | 39.2 | 39.2 | 45.6 | 45.6 | 45.7 | 47.0 | 47.3 | 47.3 | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 |
| GE 9000 | 2.5 | 39.1 | 39.1 | 39.2 | 39.2 | 45.6 | 45.6 | 45.7 | 47.0 | 47.3 | 47.3 | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 |
| GE 8000 | 2.5 | 39.1 | 39.1 | 39.2 | 39.2 | 45.6 | 45.6 | 45.7 | 47.0 | 47.3 | 47.3 | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 |
| GE 7000 | 2.5 | 39.1 | 39.1 | 39.2 | 39.2 | 45.6 | 45.6 | 45.7 | 47.1 | 47.3 | 47.3 | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 |
| GE 6000 | 2.5 | 39.2 | 39.2 | 39.3 | 39.3 | 45.7 | 45.7 | 45.8 | 47.1 | 47.4 | 47.4 | 47.6 | 47.7 | 47.8 | 47.8 | 47.8 |
| GE 5000 | 2.6 | 39.9 | 40.0 | 40.0 | 40.0 | 46.5 | 46.6 | 46.7 | 49.1 | 49.3 | 49.3 | 49.5 | 49.6 | 49.7 | 49.7 | 49.7 |
| GE 4500 | 2.6 | 40.3 | 40.3 | 40.4 | 40.4 | 47.0 | 47.0 | 47.1 | 49.5 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.1 | 50.2 |
| GE 4000 | 2.7 | 42.4 | 42.4 | 42.5 | 42.5 | 49.2 | 49.3 | 49.4 | 50.8 | 51.0 | 51.1 | 51.3 | 51.3 | 51.4 | 51.5 | 51.5 |
| GE 3500 | 2.7 | 42.9 | 43.0 | 43.0 | 43.1 | 49.9 | 50.0 | 50.1 | 51.5 | 51.7 | 51.8 | 52.0 | 52.0 | 52.1 | 52.2 | 52.2 |
| GE 3000 | 2.8 | 44.6 | 44.7 | 44.7 | 44.8 | 51.9 | 52.0 | 52.1 | 53.5 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.2 | 54.3 |
| GE 2500 | 2.9 | 54.4 | 54.4 | 54.5 | 54.5 | 62.6 | 62.6 | 62.8 | 64.3 | 64.5 | 64.5 | 64.6 | 64.8 | 64.9 | 65.0 | 65.1 |
| GE 2000 | 3.0 | 57.1 | 57.2 | 57.3 | 57.3 | 66.0 | 66.1 | 66.3 | 67.7 | 68.2 | 68.2 | 68.4 | 68.5 | 68.6 | 68.7 | 68.7 |
| GE 1800 | 3.1 | 58.3 | 58.4 | 58.5 | 58.5 | 67.7 | 67.8 | 67.9 | 69.6 | 69.9 | 69.9 | 70.0 | 70.2 | 70.3 | 70.4 | 70.4 |
| GE 1500 | 3.1 | 60.5 | 60.6 | 60.7 | 60.8 | 71.0 | 71.1 | 71.3 | 73.0 | 73.4 | 73.5 | 73.7 | 73.7 | 73.8 | 73.9 | 73.9 |
| GE 1200 | 3.1 | 66.6 | 66.7 | 66.9 | 66.9 | 80.6 | 80.8 | 81.0 | 83.4 | 83.8 | 83.9 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 |
| GE 1000 | 3.1 | 68.0 | 68.2 | 68.3 | 68.4 | 83.9 | 84.0 | 84.3 | 87.1 | 87.5 | 87.7 | 88.0 | 88.0 | 88.2 | 88.2 | 88.3 |
| GE 900 | 3.1 | 68.4 | 68.5 | 68.7 | 68.7 | 84.8 | 85.0 | 85.3 | 88.5 | 88.8 | 88.9 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 |
| GE 800 | 3.1 | 68.8 | 68.9 | 69.1 | 69.2 | 86.3 | 86.5 | 86.8 | 90.1 | 90.7 | 90.8 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 |
| GE 700 | 3.1 | 69.3 | 69.4 | 69.6 | 69.7 | 88.2 | 88.4 | 88.8 | 92.6 | 93.2 | 93.4 | 93.8 | 93.8 | 94.0 | 94.0 | 94.1 |
| GE 600 | 3.1 | 69.5 | 69.7 | 69.8 | 69.9 | 89.1 | 89.3 | 89.7 | 94.0 | 94.7 | 95.0 | 95.4 | 95.5 | 95.7 | 95.7 | 95.8 |
| GE 500 | 3.1 | 69.7 | 69.8 | 70.0 | 70.1 | 89.8 | 90.0 | 90.5 | 95.0 | 95.8 | 96.0 | 96.7 | 96.8 | 97.0 | 97.0 | 97.1 |
| GE 400 | 3.1 | 69.9 | 70.0 | 70.2 | 70.3 | 90.6 | 90.8 | 91.3 | 96.1 | 97.0 | 97.4 | 98.1 | 98.2 | 98.4 | 98.5 | 98.6 |
| GE 300 | 3.1 | 69.9 | 70.0 | 70.2 | 70.3 | 90.9 | 91.1 | 91.5 | 96.5 | 97.5 | 98.0 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 |
| GE 200 | 3.1 | 69.9 | 70.0 | 70.2 | 70.3 | 91.0 | 91.2 | 91.6 | 96.6 | 97.6 | 98.1 | 98.9 | 99.0 | 99.4 | 99.4 | 99.7 |
| GE 100 | 3.1 | 69.9 | 70.0 | 70.2 | 70.3 | 91.0 | 91.2 | 91.6 | 96.6 | 97.6 | 98.1 | 98.9 | 99.1 | 99.6 | 99.6 | 100.0 |
| GE 0 | 3.1 | 69.9 | 70.1 | 70.3 | 70.3 | 91.0 | 91.2 | 91.6 | 96.7 | 97.6 | 98.1 | 98.9 | 99.1 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 28233

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: JAN

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|-----|------|------|------|--------------|
| HOURS
(LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 | 13.7 | .7 | | 3.0 | 1.7 | .3 | 3.0 | | 4.3 | 15.1 | 58.2 | 7.9 | 295 |
| 03-05 | 15.0 | .7 | | 3.7 | 1.0 | .3 | 1.7 | | 2.3 | 16.9 | 58.5 | 7.8 | 303 |
| 06-08 | 15.1 | .3 | | 3.4 | 1.0 | 1.0 | 1.7 | | 4.4 | 16.5 | 53.7 | 7.4 | 298 |
| 09-11 | 10.6 | .4 | | 5.1 | 3.3 | .7 | 2.6 | | 4.7 | 19.3 | 51.3 | 7.4 | 274 |
| 12-14 | 7.3 | 1.3 | | 4.6 | 3.6 | 1.0 | 2.3 | | 4.6 | 15.5 | 54.7 | 8.2 | 307 |
| 15-17 | 9.2 | 1.3 | | 4.3 | 3.3 | .7 | 3.0 | | 4.6 | 22.0 | 51.8 | 8.0 | 307 |
| 18-20 | 12.8 | .7 | | 7.2 | 2.0 | 1.0 | 2.6 | | 5.6 | 16.8 | 51.3 | 7.6 | 304 |
| 21-23 | 19.0 | .7 | | 1.3 | 1.3 | .3 | 2.3 | | 3.3 | 16.0 | 56.7 | 7.5 | 300 |
| TOTALS | 12.7 | .8 | | 4.1 | 2.2 | .7 | 2.4 | | 4.2 | 17.6 | 55.4 | 7.9 | 2984 |

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: FEB

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|------|------|------|------|--------------|
| HOURS
(LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 | 23.9 | .4 | | 4.3 | 1.8 | .7 | 5.1 | | 3.3 | 19.1 | 42.4 | 6.7 | 274 |
| 03-05 | 26.4 | .7 | | 3.3 | 1.1 | | 1.4 | | 3.6 | 15.2 | 48.2 | 6.7 | 274 |
| 06-08 | 21.7 | .4 | | 2.6 | 2.2 | .4 | 2.6 | | 6.3 | 14.7 | 49.3 | 7.1 | 272 |
| 09-11 | 11.1 | 2.0 | | 3.2 | 2.0 | .8 | 3.2 | | 4.8 | 14.7 | 58.3 | 8.0 | 252 |
| 12-14 | 13.6 | .7 | | 5.4 | .7 | .7 | 3.2 | | 7.9 | 17.9 | 50.0 | 7.7 | 280 |
| 15-17 | 15.2 | 2.5 | | 4.3 | 2.5 | 1.4 | 4.0 | | 5.5 | 19.1 | 44.4 | 7.2 | 277 |
| 18-20 | 11.3 | 1.1 | | 6.6 | 6.2 | .7 | 2.6 | | 10.2 | 18.6 | 42.7 | 7.4 | 274 |
| 21-23 | 24.4 | 1.8 | | 2.5 | 1.8 | .7 | 1.5 | | 6.9 | 18.2 | 42.2 | 6.7 | 275 |
| TOTALS | 18.5 | 1.2 | | 4.0 | 2.3 | .7 | 3.0 | | 6.7 | 17.1 | 47.2 | 7.2 | 2182 |

GLOBAL CLIMATOLOGY BRANCH
L S A F E T A C
A I Q W E A T H E R S E R V I C E / M A C

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|------|------|------|------|--------------|
| HOURS I
(LST) I | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 I | 35.5 | .3 | | 3.6 | 2.6 | 1.0 | 1.6 | | 2.3 | 18.1 | 75.2 | 5.7 | 304 |
| 03-05 I | 33.2 | .7 | | 2.6 | 1.6 | .3 | 3.3 | | 3.9 | 16.9 | 77.5 | 5.9 | 307 |
| 06-08 I | 30.2 | 1.0 | | 3.6 | 2.0 | 1.0 | 2.6 | | 3.9 | 15.1 | 79.7 | 6.1 | 305 |
| 09-11 I | 22.6 | 2.1 | | 5.9 | 3.1 | | 1.4 | | 3.6 | 14.5 | 42.5 | 6.6 | 287 |
| 12-14 I | 20.7 | 1.3 | | 4.6 | 3.0 | 1.6 | 5.2 | | 8.5 | 12.3 | 75.7 | 6.7 | 303 |
| 15-17 I | 16.1 | 2.0 | | 5.9 | 3.0 | 1.0 | 4.3 | | 11.1 | 20.0 | 76.7 | 7.0 | 305 |
| 18-20 I | 17.2 | 2.3 | | 5.6 | 2.6 | 1.0 | 2.6 | | 10.2 | 21.1 | 76.6 | 6.9 | 303 |
| 21-23 I | 32.0 | 1.3 | | 4.6 | 3.0 | 1.0 | 2.3 | | 5.0 | 19.1 | 71.7 | 5.7 | 307 |
| TOTALS I | 25.9 | 1.4 | | 4.6 | 2.6 | .9 | 2.9 | | 6.1 | 18.6 | 77.0 | 6.3 | 2419 |

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: APR

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|------|-----|-----|-----|---|------|------|------|------|--------------|
| HOURS I
(LST) I | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 I | 36.0 | 1.0 | | 4.1 | 2.4 | .3 | 2.7 | | 6.2 | 16.1 | 71.2 | 5.5 | 292 |
| 03-05 I | 36.3 | .3 | | 5.4 | 1.4 | 1.0 | 2.7 | | 6.5 | 11.2 | 73.2 | 5.4 | 295 |
| 06-08 I | 21.5 | 1.7 | | 9.0 | 4.2 | .3 | 4.2 | | 6.6 | 20.8 | 71.6 | 6.3 | 288 |
| 09-11 I | 18.7 | 2.1 | | 6.9 | 3.8 | 1.0 | 2.8 | | 10.0 | 22.8 | 71.8 | 6.6 | 289 |
| 12-14 I | 12.1 | 2.4 | | 9.8 | 3.7 | | 6.1 | | 13.5 | 19.5 | 73.0 | 7.0 | 297 |
| 15-17 I | 10.4 | 3.0 | | 8.7 | 5.4 | 1.3 | 4.7 | | 12.1 | 26.5 | 77.9 | 7.0 | 298 |
| 18-20 I | 13.5 | 2.1 | | 11.1 | 5.2 | 1.0 | 3.1 | | 14.2 | 23.5 | 26.3 | 6.7 | 289 |
| 21-23 I | 24.9 | 3.4 | | 9.1 | 4.4 | | 2.0 | | 8.8 | 17.8 | 29.6 | 5.9 | 297 |
| TOTALS I | 21.7 | 2.0 | | 8.0 | 3.8 | .6 | 3.6 | | 10.0 | 19.8 | 70.6 | 6.3 | 2345 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|------|-----|-----|-----|---|------|------|------|------|-----------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 30.2 | 3.0 | | 8.0 | 2.7 | 1.7 | 4.7 | | 9.0 | 19.3 | 21.6 | 5.3 | 701 |
| 03-05 | 32.8 | 3.6 | | 6.3 | 3.3 | 1.7 | 3.0 | | 5.6 | 19.9 | 23.8 | 5.2 | 707 |
| 06-08 | 23.8 | 3.3 | | 6.3 | 5.0 | 1.3 | 3.6 | | 8.9 | 27.5 | 24.2 | 6.0 | 707 |
| 09-11 | 21.5 | 1.6 | | 7.2 | 3.3 | .7 | 5.5 | | 11.4 | 21.8 | 27.0 | 6.3 | 707 |
| 12-14 | 12.5 | 3.9 | | 10.5 | 5.2 | 1.6 | 5.6 | | 10.2 | 24.6 | 25.9 | 6.5 | 707 |
| 15-17 | 9.6 | 6.6 | | 9.6 | 4.0 | 1.3 | 6.6 | | 12.9 | 24.4 | 25.1 | 6.7 | 707 |
| 18-20 | 12.5 | 4.6 | | 9.2 | 5.9 | 3.3 | 4.6 | | 11.5 | 25.4 | 21.8 | 6.5 | 707 |
| 21-23 | 16.7 | 4.9 | | 10.1 | 4.9 | 2.3 | 4.2 | | 11.8 | 24.2 | 20.9 | 6.1 | 707 |
| TOTALS | 20.0 | 3.9 | | 8.4 | 4.3 | 1.7 | 4.7 | | 10.3 | 22.9 | 23.8 | 6.1 | 707 |

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUN

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|------|-----|-----|------|---|------|------|------|------|-----------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 18.6 | 6.4 | | 9.8 | 5.1 | 2.7 | 6.8 | | 13.2 | 16.2 | 21.7 | 5.7 | 296 |
| 03-05 | 21.9 | 5.1 | | 11.4 | 3.4 | 1.3 | 4.7 | | 11.1 | 16.5 | 24.6 | 5.7 | 297 |
| 06-08 | 18.7 | 3.1 | | 10.5 | 4.1 | 2.0 | 4.4 | | 10.9 | 25.2 | 21.1 | 6.1 | 294 |
| 09-11 | 16.3 | 4.1 | | 6.8 | 7.1 | 1.7 | 3.4 | | 10.5 | 20.7 | 27.2 | 6.3 | 294 |
| 12-14 | 7.5 | 4.1 | | 9.8 | 2.7 | 2.7 | 10.2 | | 15.9 | 24.4 | 22.7 | 6.9 | 295 |
| 15-17 | 5.1 | 3.4 | | 6.5 | 5.8 | 2.7 | 7.5 | | 14.6 | 27.5 | 25.1 | 7.2 | 295 |
| 18-20 | 7.1 | 4.1 | | 11.6 | 4.8 | 1.4 | 5.1 | | 17.0 | 24.8 | 24.1 | 7.0 | 294 |
| 21-23 | 10.0 | 5.5 | | 7.9 | 5.8 | 3.1 | 6.2 | | 18.2 | 22.7 | 20.6 | 6.6 | 291 |
| TOTALS | 15.2 | 4.5 | | 9.8 | 4.9 | 2.2 | 6.0 | | 13.9 | 22.3 | 23.3 | 6.4 | 2956 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|------|-----|-----|-----|---|------|------|------|------|-----------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 15.6 | 4.9 | | 10.4 | 6.2 | 1.0 | 8.4 | | 15.3 | 14.9 | 23.4 | 6.1 | 705 |
| 03-05 | 20.2 | 3.9 | | 11.1 | 4.2 | 1.3 | 7.5 | | 12.7 | 17.9 | 21.2 | 5.4 | 707 |
| 06-08 | 15.8 | 4.6 | | 8.9 | 2.6 | 1.0 | 6.9 | | 11.7 | 26.4 | 21.8 | 5.4 | 707 |
| 09-11 | 16.3 | 4.6 | | 5.9 | 5.2 | .3 | 3.6 | | 17.7 | 24.1 | 26.4 | 6.5 | 707 |
| 12-14 | 7.2 | 4.6 | | 9.5 | 3.6 | 3.3 | 6.4 | | 18.1 | 29.7 | 26.3 | 7.0 | 704 |
| 15-17 | 4.9 | 2.9 | | 8.8 | 5.2 | 1.3 | 6.5 | | 17.2 | 26.3 | 26.3 | 7.4 | 704 |
| 18-20 | 6.9 | 5.2 | | 9.8 | 6.9 | 1.3 | 7.8 | | 15.3 | 23.6 | 22.2 | 6.5 | 704 |
| 21-23 | 12.7 | 3.9 | | 9.4 | 7.1 | 2.3 | 7.1 | | 18.4 | 18.5 | 20.1 | 6.7 | 704 |
| TOTALS | 12.5 | 4.3 | | 9.2 | 5.1 | 1.5 | 6.8 | | 16.0 | 14.2 | 23.5 | 6.4 | 704 |

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: AUG

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|------|-----|-----|-----|---|------|------|------|------|-----------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 10.9 | 2.3 | | 5.0 | 7.6 | 2.0 | 4.7 | | 10.6 | 14.3 | 24.0 | 5.7 | 703 |
| 03-05 | 31.7 | 2.3 | | 7.6 | 4.0 | 2.3 | 5.4 | | 8.6 | 11.2 | 24.4 | 6.2 | 703 |
| 06-08 | 12.8 | 3.0 | | 10.2 | 5.3 | 2.0 | 5.9 | | 11.5 | 21.7 | 24.6 | 6.2 | 704 |
| 09-11 | 7.5 | 1.6 | | 10.1 | 4.2 | 1.3 | 5.5 | | 10.7 | 26.4 | 24.6 | 6.4 | 703 |
| 12-14 | 4.0 | 2.7 | | 9.0 | 5.7 | 1.3 | 6.3 | | 14.7 | 14.3 | 23.0 | 7.5 | 703 |
| 15-17 | 3.0 | 3.9 | | 6.9 | 5.9 | .3 | 8.6 | | 14.4 | 23.9 | 24.2 | 7.6 | 703 |
| 18-20 | 6.7 | 3.0 | | 9.0 | 6.0 | 2.7 | 5.7 | | 14.7 | 22.7 | 24.7 | 7.2 | 700 |
| 21-23 | 7.2 | 4.3 | | 14.1 | 6.3 | 2.3 | 6.9 | | 11.2 | 19.7 | 28.0 | 6.7 | 704 |
| TOTALS | 13.0 | 2.9 | | 9.0 | 5.6 | 1.8 | 6.2 | | 13.3 | 19.7 | 26.6 | 6.7 | 704 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER
FROM AIRPORT OBSERVATIONS

STATION NUMBER: 260631 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|------|------|------|------|--------------|
| HOURS
(LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 | 22.1 | 4.7 | | 7.4 | 5.7 | 1.3 | 5.7 | | 15.7 | 16.1 | 71.1 | 7.2 | 259 |
| 03-05 | 23.3 | 1.7 | | 5.7 | 2.4 | 1.0 | 5.7 | | 4.8 | 1.9 | 77.4 | 6.4 | 237 |
| 06-08 | 18.1 | .7 | | 6.1 | 6.5 | 2.7 | 4.7 | | 8.5 | 16.0 | 72.5 | 6.7 | 237 |
| 09-11 | 6.8 | 3.1 | | 5.8 | 3.4 | 1.7 | 4.1 | | 11.7 | 27.1 | 76.6 | 7.2 | 251 |
| 12-14 | 5.6 | 1.7 | | 4.5 | 3.1 | 1.7 | 2.4 | | 14.7 | 22.1 | 74.1 | 6.0 | 247 |
| 15-17 | 4.7 | 1.3 | | 3.4 | 3.0 | 2.3 | 6.0 | | 10.4 | 11.9 | 74.9 | 6.1 | 245 |
| 18-20 | 4.8 | 1.0 | | 6.2 | 3.1 | 1.4 | 4.1 | | 17.1 | 22.0 | 74.4 | 6.0 | 241 |
| 21-23 | 10.1 | 7.0 | | 8.8 | 3.4 | 1.0 | 6.7 | | 12.5 | 21.4 | 72.7 | 7.1 | 247 |
| TOTALS | 11.9 | 1.9 | | 6.0 | 3.6 | 1.6 | 4.3 | | 11.7 | 26.1 | 77.4 | 7.3 | 2740 |

STATION NUMBER: 260631 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|-----|------|------|------|--------------|
| HOURS
(LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 | 17.5 | 1.3 | | 8.3 | 2.0 | 1.0 | 2.0 | | 5.3 | 19.8 | 42.4 | 7.0 | 303 |
| 03-05 | 16.9 | 2.0 | | 2.0 | 2.9 | 1.0 | 1.6 | | 5.2 | 21.2 | 47.2 | 7.4 | 307 |
| 06-08 | 17.4 | | | 3.7 | .7 | .7 | 1.3 | | 7.4 | 26.8 | 42.1 | 7.5 | 299 |
| 09-11 | 4.6 | 1.6 | | 3.3 | 2.3 | 1.0 | 2.6 | | 4.8 | 29.4 | 45.4 | 6.4 | 306 |
| 12-14 | 4.0 | 2.0 | | 4.3 | 2.3 | 1.0 | 2.3 | | 4.9 | 20.8 | 43.4 | 6.1 | 307 |
| 15-17 | 3.6 | 2.3 | | 4.3 | 4.3 | 2.0 | 4.3 | | 7.2 | 29.2 | 43.0 | 6.2 | 305 |
| 18-20 | 5.3 | 2.7 | | 5.7 | 2.7 | 1.0 | 3.7 | | 4.0 | 26.3 | 43.7 | 6.0 | 300 |
| 21-23 | 17.8 | 1.0 | | 3.3 | 3.0 | .7 | 2.0 | | 4.6 | 21.5 | 41.3 | 7.2 | 303 |
| TOTALS | 10.9 | 1.6 | | 4.4 | 2.5 | 1.1 | 2.5 | | 7.4 | 25.6 | 43.6 | 7.4 | 2725 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|-----|-----|---|-----|-----|-----|-----|---|-----|------|------|------|--------------|
| HOURS
(UST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 | 8.2 | 1.0 | | 2.0 | 1.4 | .3 | 2.4 | | 5.4 | 14.1 | 51.4 | 8.2 | 143 |
| 03-05 | 5.8 | 1.4 | | 2.4 | 1.7 | .3 | 1.0 | | 5.5 | 22.3 | 59.4 | 8.4 | 144 |
| 06-08 | 5.1 | .3 | | 2.7 | 2.0 | | 5.4 | | 5.4 | 25.6 | 51.4 | 8.2 | 147 |
| 09-11 | 5.2 | 1.4 | | 2.7 | .3 | .7 | 1.4 | | 5.8 | 23.0 | 54.1 | 8.2 | 143 |
| 12-14 | 3.1 | 1.7 | | 1.7 | 1.7 | 1.4 | 1.7 | | 5.1 | 13.7 | 54.0 | 8.4 | 144 |
| 15-17 | 4.1 | 1.4 | | 1.7 | .7 | .7 | 1.7 | | 5.4 | 23.1 | 51.7 | 8.4 | 143 |
| 18-20 | 5.2 | 1.4 | | 2.7 | 2.7 | .7 | 2.1 | | 5.5 | 21.3 | 51.1 | 8.3 | 243 |
| 21-23 | 8.1 | 1.0 | | 5.1 | 1.7 | .3 | 3.1 | | 5.1 | 19.7 | 54.1 | 8.2 | 147 |
| TOTALS | 5.7 | 1.3 | | 2.4 | 1.5 | .6 | 2.1 | | 5.2 | 22.2 | 54.2 | 8.2 | 1449 |

STATION NUMBER: 260610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|-----|------|------|------|--------------|
| HOURS
(UST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL
OBS |
| 00-02 | 5.5 | .3 | | 2.9 | 1.6 | 1.6 | 2.6 | | 5.9 | 17.3 | 59.1 | 8.3 | 146 |
| 03-05 | 11.4 | | | 3.3 | 1.3 | 1.3 | 2.3 | | 2.3 | 15.2 | 59.4 | 8.1 | 147 |
| 06-08 | 12.4 | .3 | | 2.3 | 1.3 | .3 | 2.3 | | 5.0 | 19.5 | 56.4 | 8.1 | 248 |
| 09-11 | 7.7 | 1.4 | | 3.5 | 1.6 | .4 | 2.6 | | 5.6 | 22.9 | 51.5 | 8.1 | 148 |
| 12-14 | 7.4 | 1.3 | | 5.3 | 1.7 | .3 | | | 5.6 | 13.1 | 58.2 | 8.3 | 148 |
| 15-17 | 7.8 | 1.0 | | 4.5 | .7 | 1.6 | 2.1 | | 7.2 | 22.6 | 54.2 | 8.2 | 148 |
| 18-20 | 10.5 | .7 | | 3.6 | 1.3 | .3 | 2.6 | | 6.2 | 19.4 | 55.4 | 8.1 | 145 |
| 21-23 | 8.8 | .3 | | 4.5 | 1.0 | .2 | 3.7 | | 4.2 | 21.2 | 55.4 | 8.2 | 148 |
| TOTALS | 8.4 | .8 | | 3.8 | 1.4 | .8 | 2.7 | | 5.0 | 17.8 | 56.7 | 8.2 | 2416 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | |
|---|------|-----|---|-----|-----|-----|-----|---|------|------|------|------|
| HOURS
(LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN |
| JAN ALL | 12.7 | .8 | | 4.1 | 2.2 | .7 | 2.4 | | 4.2 | 17.6 | 55.4 | 7.9 |
| FEB | 18.5 | 1.2 | | 4.0 | 2.3 | .7 | 3.0 | | 6.2 | 17.1 | 47.2 | 7.2 |
| MAR | 25.9 | 1.4 | | 4.6 | 2.6 | .9 | 2.9 | | 5.1 | 18.6 | 47.0 | 6.3 |
| APR | 21.7 | 2.0 | | 8.0 | 3.8 | .6 | 3.5 | | 10.0 | 19.8 | 37.6 | 6.3 |
| MAY | 20.0 | 3.9 | | 8.4 | 4.3 | 1.7 | 4.7 | | 10.3 | 22.9 | 23.8 | 6.1 |
| JUN | 13.2 | 4.5 | | 9.6 | 4.9 | 2.2 | 6.1 | | 13.9 | 22.3 | 23.3 | 6.4 |
| JUL | 12.5 | 4.3 | | 9.2 | 5.1 | 1.5 | 6.8 | | 16.0 | 21.2 | 23.5 | 6.6 |
| AUG | 13.0 | 2.9 | | 9.0 | 5.6 | 1.8 | 6.2 | | 13.3 | 19.7 | 28.5 | 6.7 |
| SEP | 11.9 | 1.9 | | 6.0 | 3.6 | 1.6 | 4.3 | | 11.3 | 26.1 | 33.4 | 7.3 |
| OCT | 10.9 | 1.6 | | 4.4 | 2.5 | 1.1 | 2.5 | | 7.9 | 25.6 | 43.6 | 7.6 |
| NOV | 5.7 | 1.3 | | 2.4 | 1.5 | .6 | 2.1 | | 5.3 | 22.2 | 59.2 | 6.6 |
| DEC | 9.4 | .8 | | 3.8 | 1.4 | .8 | 2.2 | | 5.0 | 19.8 | 56.7 | 6.2 |
| TOTALS | 14.6 | 2.2 | | 6.1 | 3.3 | 1.2 | 3.9 | | 9.1 | 21.1 | 38.5 | 7.1 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 79-87
MONTH: JAN

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
OBS |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|--------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 96.6 | 80.5 | 26.4 | 85.1 | 297 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 98.3 | 96.0 | 76.7 | 29.7 | 84.7 | 300 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 96.3 | 78.9 | 36.9 | 85.7 | 298 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 95.6 | 75.6 | 26.4 | 84.6 | 271 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 93.7 | 73.4 | 26.4 | 84.1 | 301 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.4 | 91.1 | 66.9 | 20.4 | 82.9 | 301 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.3 | 93.4 | 70.5 | 27.5 | 84.1 | 302 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 98.3 | 95.0 | 77.5 | 27.2 | 84.8 | 298 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.2 | 94.7 | 75.0 | 28.4 | 84.5 | 2372 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 79-87
MONTH: FEB

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NUM
OBS |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|---------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 96.4 | 91.2 | 70.8 | 36.9 | 84.4 | 274 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 97.1 | 90.2 | 76.4 | 39.6 | 85.2 | 275 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 94.9 | 80.1 | 34.9 | 85.7 | 272 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 95.2 | 82.1 | 43.3 | 86.7 | 252 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 89.9 | 63.2 | 25.6 | 83.1 | 277 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 93.4 | 75.4 | 44.1 | 16.5 | 78.3 | 272 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 93.4 | 82.1 | 50.2 | 14.3 | 79.2 | 273 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.6 | 98.9 | 94.9 | 90.1 | 64.7 | 31.7 | 83.0 | 272 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.5 | 88.6 | 66.5 | 30.3 | 83.7 | 2167 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE
HUMIDITY | NUM
OBS |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 97.4 | 90.1 | 79.2 | 54.5 | 27.1 | 79.9 | 102 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 95.8 | 83.3 | 71.6 | 33.3 | 83.3 | 306 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 96.4 | 90.8 | 74.3 | 39.6 | 84.6 | 103 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.6 | 99.3 | 97.2 | 90.1 | 72.4 | 33.9 | 84.1 | 282 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 | 83.9 | 66.3 | 38.0 | 16.5 | 75.7 | 303 |
| | 15-17 | 100.0 | 100.0 | 99.0 | 96.0 | 83.4 | 67.5 | 43.7 | 27.2 | 8.9 | 68.3 | 302 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 95.4 | 84.8 | 65.2 | 49.0 | 29.8 | 13.7 | 69.4 | 302 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.7 | 93.7 | 85.5 | 67.0 | 39.9 | 14.8 | 75.9 | 102 |
| TOTALS | | 100.0 | 100.0 | 99.8 | 98.5 | 94.0 | 85.2 | 71.2 | 51.0 | 23.9 | 77.7 | 2405 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: APR

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE
HUMIDITY | NUM
OBS |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 93.8 | 82.9 | 64.3 | 46.7 | 19.6 | 75.7 | 291 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 97.3 | 92.1 | 77.4 | 55.1 | 27.1 | 80.2 | 296 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.6 | 98.9 | 94.3 | 81.3 | 64.0 | 36.4 | 82.6 | 293 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.3 | 94.1 | 82.4 | 60.2 | 38.8 | 16.3 | 74.6 | 284 |
| | 12-14 | 100.0 | 100.0 | 98.0 | 90.2 | 72.1 | 50.9 | 34.0 | 21.2 | 6.4 | 62.9 | 297 |
| | 15-17 | 100.0 | 99.0 | 93.5 | 79.9 | 61.8 | 42.3 | 24.6 | 15.0 | 3.6 | 57.5 | 293 |
| | 18-20 | 100.0 | 99.3 | 94.1 | 84.4 | 64.9 | 44.5 | 26.0 | 16.3 | 5.2 | 59.3 | 288 |
| | 21-23 | 100.0 | 100.0 | 99.0 | 91.2 | 81.8 | 67.3 | 48.5 | 27.6 | 8.1 | 68.1 | 297 |
| | TOTALS | 100.0 | 99.8 | 98.1 | 92.7 | 83.1 | 69.6 | 52.0 | 35.6 | 15.2 | 70.1 | 2330 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|--------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 97.0 | 90.3 | 74.5 | 57.4 | 30.5 | 9.7 | 71.6 | 298 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 | 86.0 | 70.4 | 46.8 | 18.2 | 77.2 | 301 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 89.3 | 74.7 | 51.3 | 27.7 | 78.9 | 300 |
| | 09-11 | 100.0 | 100.0 | 99.0 | 95.1 | 81.1 | 62.0 | 42.0 | 21.2 | 8.1 | 66.4 | 307 |
| | 12-14 | 100.0 | 99.7 | 93.4 | 78.1 | 55.6 | 38.4 | 25.8 | 12.3 | 4.7 | 56.1 | 304 |
| | 15-17 | 100.0 | 98.3 | 86.7 | 66.1 | 44.2 | 29.6 | 16.6 | 11.0 | 3.7 | 51.4 | 301 |
| | 18-20 | 100.0 | 99.0 | 91.7 | 67.5 | 46.0 | 31.5 | 17.7 | 11.3 | 4.6 | 52.9 | 304 |
| | 21-23 | 100.0 | 99.7 | 98.4 | 87.6 | 70.6 | 50.3 | 29.4 | 15.0 | 5.6 | 61.2 | 300 |
| TOTALS | | 100.0 | 99.6 | 96.2 | 86.3 | 72.8 | 57.7 | 42.7 | 24.2 | 9.4 | 64.5 | 2417 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: JUN

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. |
|-------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|--------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 99.3 | 96.9 | 88.4 | 73.6 | 42.8 | 15.1 | 77.5 | 274 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 95.6 | 87.2 | 60.6 | 26.7 | 42.8 | 297 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.3 | 87.4 | 57.8 | 20.4 | 40.1 | 254 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.3 | 89.4 | 68.3 | 47.1 | 18.1 | 6.1 | 68.4 | 227 |
| | 12-14 | 100.0 | 100.0 | 99.3 | 85.8 | 63.4 | 42.0 | 25.8 | 12.9 | 5.8 | 59.7 | 225 |
| | 15-17 | 100.0 | 100.0 | 96.3 | 80.6 | 58.8 | 39.1 | 24.5 | 11.6 | 2.7 | 57.4 | 244 |
| | 18-20 | 100.0 | 99.7 | 97.3 | 84.2 | 64.0 | 39.4 | 27.1 | 14.4 | 4.5 | 58.5 | 292 |
| | 21-23 | 100.0 | 100.0 | 99.3 | 94.5 | 80.4 | 59.5 | 39.2 | 17.9 | 5.2 | 65.3 | 291 |
| | TOTALS | 100.0 | 100.0 | 99.0 | 92.8 | 81.4 | 66.1 | 51.5 | 29.5 | 10.8 | 68.9 | 2348 |

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260610 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|----------------------|------------|-------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE
HUMIDITY | NUM
OBS | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 95.1 | 85.6 | 57.2 | 19.7 | 81.5 | 306 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 94.7 | 77.9 | 35.0 | 86.5 | 307 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.3 | 96.7 | 79.4 | 38.2 | 87.1 | 301 | |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 87.9 | 66.7 | 32.4 | 9.7 | 75.5 | 301 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 97.7 | 83.2 | 57.2 | 32.9 | 15.9 | 2.7 | 64.5 | 304 | |
| | 15-17 | 100.0 | 100.0 | 99.0 | 91.5 | 70.9 | 47.7 | 25.5 | 10.7 | 2.7 | 60.6 | 306 | |
| | 18-20 | 100.0 | 100.0 | 100.0 | 97.8 | 75.2 | 48.7 | 27.8 | 11.1 | 2.7 | 61.5 | 306 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 95.3 | 92.2 | 71.9 | 49.7 | 21.6 | 4.9 | 69.8 | 306 | |
| | TOTALS | 100.0 | 100.0 | 99.9 | 97.8 | 89.9 | 76.1 | 60.0 | 38.2 | 14.7 | 73.4 | 2436 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-P7
MONTH: AUG

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | (MEAN | (TOTAL |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------|--------------|---------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | [RELATIVE
HUMIDITY] | NUM
OBS] | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.3 | 90.7 | 71.8 | 29.0 | 84.8 | 701 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 95.4 | 78.9 | 43.9 | 87.2 | 707 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.0 | 84.8 | 51.8 | 89.3 | 707 | |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.7 | 84.0 | 54.4 | 20.5 | 81.4 | 707 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 96.0 | 89.0 | 71.0 | 46.2 | 22.1 | 6.7 | 69.3 | 295 | |
| | 15-17 | 100.0 | 100.0 | 100.0 | 97.0 | 83.3 | 57.0 | 32.1 | 14.8 | 5.6 | 64.3 | 304 | |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.0 | 83.9 | 62.9 | 36.8 | 16.4 | 5.4 | 66.3 | 295 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 91.1 | 70.7 | 43.1 | 12.5 | 77.5 | 304 | |
| | TOTALS | 100.0 | 100.0 | 100.0 | 99.3 | 94.3 | 84.4 | 69.2 | 48.3 | 22.0 | 77.5 | 2421 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 79-87
MONTH: SEP

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NUM
OBS |
|-------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|---------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 94.3 | 79.2 | 46.0 | 87.4 | 248 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 87.8 | 54.7 | 89.6 | 291 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.6 | 91.3 | 59.2 | 90.5 | 277 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 96.3 | 76.9 | 35.0 | 86.8 | 244 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.7 | 96.5 | 86.4 | 67.5 | 32.9 | 9.4 | 74.9 | 286 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.0 | 91.5 | 74.2 | 53.2 | 25.8 | 5.4 | 70.6 | 291 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.3 | 95.5 | 82.5 | 62.5 | 35.4 | 12.7 | 74.0 | 291 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 88.1 | 69.2 | 27.8 | 83.6 | 245 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 99.8 | 97.9 | 92.3 | 82.3 | 62.3 | 31.2 | 82.3 | 2131 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-P6
MONTH: OCT

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------|------------------------|-------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | (RELATIVE
HUMIDITY) | (RELATIVE
HUMIDITY) | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.1 | 89.4 | 71.8 | 37.2 | 84.9 | 701 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 91.4 | 75.9 | 40.9 | 85.1 | 103 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.3 | 92.9 | 79.5 | 43.4 | 86.8 | 297 | |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 93.8 | 80.0 | 37.0 | 86.2 | 104 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 93.3 | 80.7 | 56.7 | 23.0 | 80.7 | 101 | |
| | 15-17 | 100.0 | 100.0 | 99.3 | 99.0 | 95.7 | 84.9 | 69.1 | 42.4 | 17.8 | 76.2 | 104 | |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 92.6 | 76.8 | 54.4 | 27.1 | 80.0 | 298 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 95.3 | 86.0 | 65.7 | 32.0 | 83.2 | 101 | |
| | TOTALS | 100.0 | 100.0 | 99.9 | 99.8 | 98.9 | 94.7 | 85.0 | 65.8 | 30.9 | 83.0 | 2408 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|--------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 92.5 | 75.8 | 38.8 | 85.2 | 240 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.6 | 93.8 | 79.7 | 74.0 | 86.0 | 240 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.6 | 80.4 | 39.0 | 86.6 | 241 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 99.7 | 99.0 | 96.3 | 93.1 | 78.0 | 40.0 | 86.0 | 240 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.3 | 90.8 | 70.8 | 30.5 | 84.9 | 240 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 98.0 | 88.1 | 65.6 | 26.0 | 83.0 | 240 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.9 | 90.7 | 72.0 | 31.1 | 84.8 | 285 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.3 | 93.5 | 73.5 | 35.0 | 85.2 | 284 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 98.4 | 92.4 | 74.5 | 34.7 | 85.2 | 2330 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NUM
OBS |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|---------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 98.0 | 94.7 | 79.9 | 35.7 | 85.7 | 103 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 99.3 | 99.3 | 96.1 | 82.7 | 35.8 | 86.4 | 103 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 99.3 | 99.7 | 95.3 | 82.4 | 32.5 | 86.4 | 299 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.9 | 96.1 | 80.4 | 32.9 | 85.7 | 286 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 94.1 | 78.0 | 33.2 | 86.5 | 204 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 94.4 | 72.5 | 31.7 | 84.5 | 109 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 95.3 | 80.1 | 31.8 | 84.6 | 247 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 96.1 | 80.8 | 34.9 | 85.8 | 103 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 98.8 | 95.3 | 79.7 | 34.6 | 85.7 | 2431 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 240630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-77
MONTH: All

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO.
OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------|------------------------------|----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | | |
| JAN | ALL | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.2 | 94.7 | 75.0 | 25.4 | 84.5 | 2372 | |
| FEB | | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.5 | 88.6 | 66.5 | 30.3 | 83.2 | 2167 | |
| MAR | | 100.0 | 100.0 | 99.8 | 98.5 | 94.0 | 85.2 | 71.2 | 51.0 | 23.9 | 77.7 | 2401 | |
| APR | | 100.0 | 99.8 | 98.1 | 92.7 | 83.1 | 69.6 | 52.1 | 35.6 | 15.7 | 70.1 | 2336 | |
| MAY | | 100.0 | 99.6 | 96.2 | 86.3 | 72.9 | 57.7 | 42.3 | 24.9 | 5.4 | 64.5 | 2417 | |
| JUN | | 100.0 | 100.0 | 99.0 | 92.8 | 81.4 | 66.1 | 51.5 | 29.5 | 12.8 | 68.9 | 2349 | |
| JUL | | 100.0 | 100.0 | 99.9 | 97.8 | 89.9 | 76.1 | 60.0 | 38.2 | 14.7 | 73.4 | 2438 | |
| AUG | | 100.0 | 100.0 | 100.0 | 99.3 | 94.3 | 84.4 | 69.2 | 48.3 | 22.0 | 77.5 | 2421 | |
| SEP | | 100.0 | 100.0 | 100.0 | 99.6 | 97.9 | 92.3 | 82.3 | 62.3 | 31.2 | 82.3 | 2333 | |
| OCT | | 100.0 | 100.0 | 99.9 | 99.8 | 98.9 | 94.7 | 85.0 | 65.8 | 30.9 | 83.0 | 2408 | |
| NOV | | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 98.4 | 92.4 | 74.5 | 34.7 | 85.2 | 2337 | |
| DEC | | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 98.8 | 95.3 | 79.7 | 34.6 | 85.7 | 2401 | |
| TOTALS | | 100.0 | 100.0 | 99.4 | 97.2 | 92.5 | 84.8 | 73.7 | 54.3 | 23.8 | 78.0 | 28374 | |



TEMPERATURE AND RELATIVE HUMIDITY TEMPERATURE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM, MINIMUM AND MEAN TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 1 DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATION AND TOTAL OBSERVATION COUNT.

THE MINIMUM TEMPERATURE INCLUDES ALL ZERO AND BELOW ZERO VALUES.

SINCE MANY STATIONS/STATES DO NOT HAVE MAXIMUM/MINIMUM TEMPERATURE READINGS, WHEN AVAILABLE, BY TAKING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR TO MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE DAILY OBSERVATIONS.

PRESENTED ARE THE HIGHEST/LOWEST TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN APOSTROPH indicates AN INCOMPLETE MONTH.

MEAN, STANDARD DEVIATION, RELATIVE HUMIDITY, WIND SPEED AND DEW POINT TEMPERATURE

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD THREE TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE, MEAN, MEAN, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

PRESENTED BY THE STANDARD THREE TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 PERCENT INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

URY-HULR TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87

| FOURSI
LST | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|---------------|---------|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| 00-02 | MEAN | 16.2 | 15.3 | 26.0 | 36.5 | 48.3 | 55.4 | 59.4 | 57.6 | 49.0 | 41.5 | 33.2 | 21.8 | 38.5 |
| | SD | 14.203 | 11.092 | 10.495 | 7.656 | 8.483 | 6.148 | 4.895 | 6.242 | 6.103 | 7.460 | 7.463 | 12.321 | 17.645 |
| | TOT OBS | 299 | 274 | 303 | 292 | 301 | 294 | 307 | 301 | 296 | 303 | 293 | 306 | 2571 |
| 03-05 | MEAN | 16.7 | 15.4 | 25.3 | 35.5 | 46.7 | 53.7 | 58.0 | 56.8 | 48.5 | 41.7 | 33.8 | 22.4 | 38.0 |
| | SD | 14.332 | 11.637 | 11.099 | 7.099 | 8.524 | 6.066 | 4.920 | 6.229 | 6.277 | 7.500 | 7.675 | 12.440 | 17.753 |
| | TOT OBS | 301 | 275 | 307 | 294 | 302 | 297 | 305 | 303 | 296 | 304 | 292 | 307 | 2563 |
| 06-08 | MEAN | 15.4 | 13.5 | 23.2 | 33.5 | 45.5 | 53.3 | 57.0 | 55.0 | 46.6 | 40.3 | 32.7 | 21.3 | 36.6 |
| | SD | 14.429 | 11.929 | 11.621 | 6.968 | 8.340 | 5.853 | 4.595 | 6.146 | 6.421 | 7.554 | 7.740 | 12.156 | 17.404 |
| | TOT OBS | 298 | 272 | 305 | 287 | 300 | 294 | 302 | 303 | 277 | 297 | 292 | 297 | 2524 |
| 09-11 | MEAN | 15.5 | 14.2 | 24.0 | 36.8 | 51.2 | 59.0 | 62.2 | 59.0 | 49.0 | 40.7 | 32.9 | 21.6 | 39.6 |
| | SD | 14.744 | 11.851 | 11.297 | 7.037 | 8.926 | 6.811 | 5.134 | 6.150 | 5.831 | 7.318 | 8.006 | 12.512 | 18.855 |
| | TOT OBS | 272 | 252 | 286 | 289 | 307 | 293 | 306 | 307 | 294 | 306 | 291 | 283 | 2485 |
| 12-14 | MEAN | 16.6 | 16.0 | 28.6 | 41.4 | 56.0 | 63.0 | 66.0 | 63.3 | 53.2 | 43.4 | 33.9 | 22.0 | 42.0 |
| | SD | 13.857 | 10.786 | 9.258 | 8.621 | 10.547 | 8.092 | 6.226 | 7.050 | 5.891 | 6.877 | 7.405 | 11.729 | 19.921 |
| | TOT OBS | 304 | 277 | 305 | 297 | 305 | 295 | 304 | 300 | 286 | 300 | 295 | 304 | 2572 |
| 15-17 | MEAN | 17.6 | 18.7 | 31.7 | 43.9 | 57.8 | 64.1 | 67.6 | 65.1 | 54.9 | 44.8 | 34.3 | 22.4 | 43.7 |
| | SD | 13.311 | 9.546 | 8.446 | 9.513 | 11.090 | 8.271 | 6.667 | 7.592 | 6.517 | 7.198 | 7.382 | 11.534 | 19.513 |
| | TOT OBS | 301 | 276 | 303 | 298 | 303 | 294 | 307 | 305 | 296 | 305 | 295 | 306 | 2593 |
| 18-20 | MEAN | 17.0 | 17.8 | 31.4 | 43.4 | 57.2 | 63.3 | 67.3 | 64.3 | 54.0 | 43.2 | 33.7 | 21.8 | 43.0 |
| | SD | 13.710 | 9.769 | 8.440 | 9.263 | 10.638 | 8.145 | 6.604 | 7.220 | 6.542 | 7.073 | 7.307 | 12.086 | 19.947 |
| | TOT OBS | 304 | 274 | 303 | 288 | 302 | 293 | 306 | 299 | 292 | 300 | 290 | 304 | 2555 |
| 21-23 | MEAN | 16.0 | 16.5 | 28.2 | 39.4 | 53.2 | 60.5 | 64.2 | 60.6 | 50.4 | 42.2 | 33.1 | 21.4 | 40.7 |
| | SD | 13.912 | 10.501 | 9.351 | 8.276 | 9.504 | 7.064 | 5.558 | 6.659 | 6.128 | 7.098 | 7.692 | 12.257 | 18.933 |
| | TOT OBS | 300 | 272 | 303 | 298 | 306 | 292 | 306 | 305 | 296 | 302 | 295 | 307 | 2582 |
| ALL | MEAN | 16.5 | 16.0 | 27.3 | 38.8 | 52.0 | 59.0 | 62.7 | 60.2 | 50.7 | 42.2 | 33.4 | 21.8 | 40.3 |
| | SD | 14.054 | 11.012 | 10.492 | 8.862 | 10.562 | 8.220 | 6.867 | 7.525 | 6.795 | 7.377 | 7.595 | 12.120 | 18.921 |
| FOURSI | TOT OBS | 2383 | 2172 | 2415 | 2343 | 2426 | 2352 | 2443 | 2423 | 2335 | 2417 | 2343 | 2414 | 28466 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87

| HOURS
LST | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|--------------|---------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 00-02 | MEAN | 15.7 | 14.6 | 24.4 | 33.8 | 44.1 | 51.6 | 56.1 | 55.0 | 47.1 | 39.7 | 31.9 | 20.9 | 36.4 |
| | SD | 13.822 | 10.841 | 9.876 | 6.674 | 7.900 | 5.876 | 4.528 | 5.608 | 5.666 | 7.363 | 7.256 | 11.969 | 16.661 |
| | TOT OBS | 277 | 274 | 303 | 291 | 298 | 292 | 306 | 301 | 298 | 371 | 293 | 303 | 357 |
| 03-05 | MEAN | 16.2 | 14.9 | 24.1 | 33.3 | 43.4 | 51.0 | 55.8 | 54.7 | 47.0 | 40.0 | 32.5 | 21.7 | 36.7 |
| | SD | 13.977 | 11.403 | 10.566 | 6.560 | 8.020 | 5.911 | 4.697 | 5.701 | 5.556 | 7.419 | 7.465 | 12.074 | 16.512 |
| | TOT OBS | 300 | 275 | 306 | 292 | 301 | 297 | 303 | 303 | 295 | 207 | 290 | 307 | 357 |
| 06-08 | MEAN | 14.9 | 13.1 | 22.2 | 31.8 | 42.6 | 50.5 | 54.8 | 53.2 | 45.3 | 38.7 | 31.5 | 20.6 | 35.1 |
| | SD | 14.071 | 11.697 | 11.177 | 6.476 | 7.896 | 5.901 | 4.473 | 5.763 | 6.112 | 7.505 | 7.482 | 11.903 | 16.779 |
| | TOT OBS | 298 | 272 | 303 | 283 | 300 | 294 | 301 | 303 | 277 | 297 | 291 | 296 | 351 |
| 09-11 | MEAN | 14.9 | 13.9 | 23.1 | 33.9 | 45.8 | 53.2 | 57.6 | 55.8 | 47.1 | 39.1 | 31.7 | 20.7 | 37.1 |
| | SD | 14.341 | 11.679 | 10.820 | 6.293 | 7.925 | 6.091 | 4.337 | 5.597 | 5.581 | 7.317 | 7.793 | 12.167 | 17.311 |
| | TOT OBS | 271 | 252 | 283 | 289 | 307 | 293 | 306 | 307 | 294 | 305 | 291 | 290 | 347 |
| 12-14 | MEAN | 15.9 | 15.4 | 26.5 | 36.4 | 47.9 | 54.7 | 58.7 | 57.3 | 49.1 | 40.9 | 32.4 | 21.2 | 38.1 |
| | SD | 13.471 | 10.530 | 8.737 | 6.966 | 8.312 | 6.446 | 4.604 | 5.835 | 5.303 | 6.873 | 7.184 | 11.391 | 17.288 |
| | TOT OBS | 301 | 277 | 303 | 297 | 302 | 295 | 304 | 299 | 296 | 300 | 295 | 304 | 353 |
| 15-17 | MEAN | 16.8 | 17.7 | 28.5 | 37.7 | 48.4 | 55.3 | 59.1 | 57.8 | 50.0 | 41.6 | 32.6 | 21.6 | 39.1 |
| | SD | 12.896 | 9.279 | 7.696 | 7.350 | 8.270 | 6.245 | 4.583 | 5.694 | 5.679 | 6.975 | 7.127 | 11.222 | 16.687 |
| | TOT OBS | 305 | 272 | 302 | 293 | 301 | 294 | 306 | 305 | 295 | 304 | 294 | 306 | 357 |
| 18-20 | MEAN | 16.3 | 16.8 | 28.4 | 37.5 | 48.3 | 54.8 | 59.1 | 57.5 | 49.7 | 40.6 | 32.2 | 21.1 | 38.7 |
| | SD | 13.336 | 9.447 | 7.656 | 7.064 | 8.178 | 6.225 | 4.584 | 5.490 | 5.697 | 6.992 | 7.117 | 11.741 | 17.049 |
| | TOT OBS | 302 | 273 | 302 | 288 | 302 | 292 | 306 | 299 | 291 | 293 | 289 | 297 | 351 |
| 21-23 | MEAN | 15.9 | 15.8 | 26.2 | 35.3 | 46.7 | 54.0 | 58.2 | 56.5 | 48.0 | 40.1 | 31.7 | 20.7 | 37.6 |
| | SD | 13.521 | 10.223 | 8.763 | 6.916 | 8.111 | 6.009 | 4.395 | 5.583 | 5.718 | 7.101 | 7.467 | 11.918 | 17.019 |
| | TOT OBS | 298 | 272 | 303 | 297 | 306 | 291 | 306 | 304 | 295 | 300 | 294 | 307 | 353 |
| ALL | MEAN | 15.8 | 15.3 | 25.4 | 35.0 | 45.9 | 53.1 | 57.4 | 56.0 | 47.9 | 40.1 | 32.1 | 21.1 | 37.3 |
| | SD | 13.659 | 10.737 | 9.732 | 7.059 | 8.347 | 6.330 | 4.780 | 5.843 | 5.900 | 7.241 | 7.362 | 11.788 | 16.977 |
| HOURS | TOT OBS | 2372 | 2167 | 2405 | 2370 | 2417 | 2348 | 2438 | 2421 | 2331 | 2408 | 2337 | 2400 | 28374 |

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DERIVED FROM
MONTHLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 77-87

| HOURS
LST | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|--------------|---------|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| 00-02 | MEAN | 12.6 | 11.4 | 20.3 | 29.1 | 29.0 | 48.2 | 53.6 | 53.0 | 45.3 | 37.2 | 29.3 | 18.0 | 33.2 |
| | SD | 14.495 | 11.583 | 10.724 | 7.917 | 9.532 | 7.155 | 5.143 | 5.818 | 5.967 | 8.527 | 8.226 | 12.723 | 17.342 |
| | TOT OBS | 297 | 274 | 303 | 291 | 298 | 292 | 306 | 301 | 298 | 301 | 293 | 303 | 3557 |
| 03-05 | MEAN | 13.0 | 11.7 | 20.7 | 29.6 | 29.5 | 48.4 | 54.0 | 53.0 | 45.6 | 37.3 | 30.0 | 18.9 | 33.6 |
| | SD | 14.742 | 12.125 | 11.196 | 7.665 | 9.143 | 6.820 | 5.155 | 5.456 | 6.170 | 8.371 | 8.446 | 12.737 | 17.317 |
| | TOT OBS | 300 | 275 | 306 | 292 | 301 | 297 | 303 | 303 | 295 | 303 | 290 | 307 | 3572 |
| 06-08 | MEAN | 11.8 | 10.0 | 19.0 | 28.5 | 29.1 | 47.9 | 53.1 | 51.9 | 44.0 | 36.6 | 29.1 | 17.8 | 32.6 |
| | SD | 14.829 | 12.365 | 11.784 | 7.494 | 8.977 | 6.967 | 4.992 | 5.215 | 6.297 | 8.328 | 8.272 | 12.676 | 17.510 |
| | TOT OBS | 298 | 272 | 303 | 283 | 300 | 294 | 301 | 303 | 277 | 297 | 291 | 296 | 3517 |
| 09-11 | MEAN | 11.6 | 10.9 | 19.9 | 29.0 | 29.6 | 48.1 | 54.1 | 53.2 | 45.7 | 36.3 | 29.1 | 17.8 | 33.7 |
| | SD | 15.148 | 12.414 | 11.535 | 7.831 | 9.739 | 7.640 | 5.145 | 6.110 | 6.085 | 8.115 | 8.850 | 12.825 | 17.621 |
| | TOT OBS | 271 | 252 | 283 | 289 | 307 | 293 | 306 | 307 | 294 | 305 | 291 | 280 | 3474 |
| 12-14 | MEAN | 12.5 | 11.7 | 21.5 | 28.7 | 29.1 | 47.4 | 53.1 | 52.6 | 45.1 | 37.7 | 29.6 | 18.3 | 33.2 |
| | SD | 14.284 | 11.396 | 10.044 | 8.686 | 10.473 | 8.391 | 5.746 | 6.891 | 6.472 | 8.208 | 8.205 | 12.175 | 17.143 |
| | TOT OBS | 301 | 277 | 303 | 247 | 302 | 295 | 304 | 299 | 286 | 300 | 295 | 304 | 3563 |
| 15-17 | MEAN | 13.2 | 12.0 | 21.7 | 28.5 | 28.7 | 47.5 | 52.7 | 52.1 | 45.1 | 37.4 | 29.5 | 18.4 | 33.2 |
| | SD | 13.794 | 10.620 | 9.891 | 9.248 | 10.397 | 8.191 | 5.747 | 6.607 | 7.087 | 8.655 | 8.191 | 12.074 | 16.912 |
| | TOT OBS | 305 | 272 | 302 | 293 | 301 | 294 | 306 | 305 | 295 | 304 | 294 | 306 | 3577 |
| 18-20 | MEAN | 12.9 | 12.3 | 21.9 | 28.8 | 28.5 | 47.4 | 52.9 | 52.4 | 45.7 | 37.2 | 29.4 | 18.2 | 33.3 |
| | SD | 14.237 | 10.536 | 9.728 | 8.741 | 10.402 | 8.187 | 5.635 | 6.321 | 6.727 | 8.531 | 8.175 | 12.461 | 16.972 |
| | TOT OBS | 302 | 273 | 304 | 288 | 302 | 292 | 306 | 299 | 291 | 293 | 289 | 297 | 3539 |
| 21-23 | MEAN | 12.6 | 12.1 | 21.2 | 28.8 | 29.2 | 48.1 | 53.7 | 53.2 | 45.5 | 37.3 | 29.0 | 17.6 | 33.4 |
| | SD | 14.214 | 11.126 | 10.204 | 8.814 | 10.123 | 7.953 | 5.373 | 6.008 | 6.240 | 8.363 | 8.412 | 12.707 | 17.317 |
| | TOT OBS | 298 | 272 | 303 | 247 | 306 | 291 | 306 | 304 | 295 | 300 | 294 | 307 | 3573 |
| ALL | MEAN | 12.5 | 11.6 | 20.8 | 28.9 | 29.0 | 47.9 | 53.4 | 52.7 | 45.2 | 37.3 | 29.4 | 18.1 | 33.3 |
| | SD | 14.450 | 11.544 | 10.683 | 8.328 | 9.861 | 7.679 | 5.390 | 6.211 | 6.324 | 8.411 | 8.343 | 12.534 | 17.257 |
| HOURS | TOT OBS | 2372 | 2167 | 2405 | 2370 | 2417 | 2348 | 2438 | 2421 | 2331 | 2404 | 2337 | 2400 | 28374 |

| | | | | |
|--------|--------|--------|--------|--------|
| TTTTTT | AAAAAA | KKKKKK | TTTTTT | TTTTTT |
| TTTTTT | AAAAAA | KKKKKK | TTTTTT | TTTTTT |
| TT TT | AA AA | KK KK | TT | TT |
| TT TT | AA AA | KK KK | TT | TT |
| TTTTTT | AAAAAA | KKKKKK | TT | TTTT |
| TTTTTT | AAAAAA | KKKKKK | TT | TTTT |
| TT | AA AA | KK KK | TT | TT |
| TT | AA AA | KK KK | TT | TT |
| TT | AA AA | KK KK | TT | TT |

LEVEL 100 SUMMARY

DATA DERIVED FROM OBSERVATIONS

DATA DERIVED FROM OBSERVATIONS

PRESENTED BY THE STANDARD DEVIATION TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS) MONTHLY
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

LEVEL 100 SUMMARY

DATA DERIVED FROM OBSERVATIONS

PRESENTED BY THE STANDARD DEVIATION TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS) MONTHLY
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SYNOPTIC DATA SECTION SPECIAL EVENT PAGE

1. IN PARTICULAR, ATTENTION TO THE ORDER OF OPERATION PROVIDED AT BEGINNING OF THE LISTING.
2. AT FIRST OCCURRENCE OF NON-OPERATIONAL WEATHER AND/OR DAYS WILL NOT EFFECT IN THIS SUMMARY.
3. EXCESS PRECIPITATION CONCERNING SNOWFALL AND SNOW-DRIFT VALUES MAY NOT BE USED FOR AMOUNTS.
4. ALL PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS, INCLUDING SNOW, ARE AMOUNTS MEASURED FOR 24 HOURS AFTER THE END OF THE DAY.
5. SNOWFALL VALUES SHOULD NOT TAKE INTO ACCOUNT EVAPORATION.
6. THIS PAGE OF THE SUMMARY NOT MORE FREQUENTLY BEEN NOT REPRESENTED BY DATA AND LIMITED TO THE SUMMARY OF THE SUMMARY.
7. CONDITIONS OF THE SUMMARY TEND TO BE OVER EXAGGERATED BY THE SUMMARY OF THE SUMMARY.
8. SUMMARY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) ARE NOT AS ACCURATELY MEASURED AS THE SUMMARY OF THE SUMMARY.
9. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
10. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
11. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
12. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
13. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
14. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
15. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
16. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
17. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
18. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
19. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.
20. SUMMARY AMOUNTS OF PRECIPITATION CAN CAUSE IN SUMMARY AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL DAYS.

PRECIPITATION DATA TABLES--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND A FREQUENCY OF OCCURRENCE.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL YEARS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARY

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

IS DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, GRADES, GIVEN AMOUNTS, MEAN, GREATEST AMOUNTS AND LEAST AMOUNTS. (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SUMMARY BECAUSE OF THEIR FOURTEEN AND LIMITED VALUES).

ALL PRECIPITATION ARE THE OBSERVATION COUNTS.

A VALUE OF "0" IN THESE TABLES INDICATES LESS THAN .001 WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

THESE SUMMARIES ARE THE MEAN, STANDARD DEVIATION AND TOTAL OBSERVATIONS COUNTS.

IF A "0" IS SHOWN IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVED FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WITH A MONTHLY TOTAL OBSERVATIONS REPORTED BUT NO OCCURRENCE, ZEROES ARE DISPLAYED IN THE TABLES:

| | |
|------------------------------|---|
| EXTREME DAILY PRECIPITATION: | "0.00" EQUALS NONE FOR THE MONTH (NO PRECIPITATION) |
| EXTREME DAILY SNOWFALL: | "0.00" EQUALS NONE FOR THE MONTH (NO SNOW) |
| EXTREME DAILY SNOW DEPTH: | "0.00" EQUALS NONE FOR THE MONTH (NO SNOW DEPTH) |

1.1.1 MONTHLY AMOUNTS, DESCRIPTIONS AND FREQUENCY SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

AN APOSTROPHE IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OBSERVATIONS FOR THE MONTH ARE INDICATED BY ZERO.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLE.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

1.1.2 WIND SUMMARIES

1.1.2.1 WIND SPEED AND DIRECTION

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

DATA PRESENTED IN KNOTS.

SECTION PRESENTED IS IN CORRESPONDENCE FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1966.
ANALYSIS OF WIND SPEED DIRECTIONS PRESENTED IN TERMS OF DEGREES.

1.1.3 TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

1.1.3.1 TEMPERATURE AND RELATIVE HUMIDITY OF OCCURRENCE OF DAILY MAXIMUM, MINIMUM AND MEAN TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE VARIATIONS PRESENTED BY DEGREE Fahrenheit INCREMENTS PLUS THE MEAN, STANDARD DEVIATION AND TOTAL OBSERVATION COUNT.

THE MINIMUM TEMPERATURE INCLUDES ± 0.2 FAHRENHEIT DEGREE INCREMENTS.

AND MANY STATIONARIES DO NOT HAVE MAXIMUM/MINIMUM TEMPERATURES, THESE TEMPERATURES WERE SELECTED BY SCANNING THE DAILY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS WHICH CONTAINING APOSTROPHES.

EVERY MONTH FOR THE MONTH, ARE PROVIDED FOR CORRELATION AND FREQUENCY OF STATISTICAL VALUES.

XTNPGC MAXIMUM AND MINIMUM VALUE.

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE FIRST FIVE OF THE TEMPERATURES FOR THE MONTH OF JANUARY.

ALL PERCENTAGE AND STATISTICAL VALUES WITHIN AND OUTSIDE OF PARENTS ARE IN %.

AN asterisk indicates an incomplete month.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 260637

STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 59-71, 73-87

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| GE 90F | | | | | | | .1 | .1 | | | | | .2 |
| GE 89F | | | | | .3 | .1 | .9 | .6 | | | | | .7 |
| GE 88F | | | | | 2.2 | 3.7 | 7.3 | 3.2 | .6 | | | | 1.4 |
| GE 87F | | | | | 7.7 | 17.1 | 22.6 | 12.6 | 4.2 | | | | 4.3 |
| GE 86F | | | | .1 | 14.9 | 23.9 | 47.4 | 32.6 | 6.1 | | | | 11.4 |
| GE 85F | | | | 1.0 | 24.8 | 53.2 | 71.2 | 56.5 | 12.3 | .4 | | | 18.5 |
| GE 84F | | | | 5.5 | 43.9 | 75.5 | 92.2 | 82.7 | 30.9 | 3.9 | | | 28.0 |
| GE 83F | | | .3 | 13.2 | 62.5 | 92.4 | 99.1 | 96.1 | 60.6 | 4.7 | | | 37.7 |
| GE 82F | | .1 | .8 | 27.6 | 82.7 | 98.8 | 100.0 | 99.9 | 93.6 | 28.2 | 1.3 | .1 | 47.8 |
| GE 81F | .1 | | 3.9 | 47.2 | 93.3 | 99.9 | | 100.0 | 96.4 | 61.0 | 11.0 | .3 | 51.2 |
| GE 80F | 1.0 | .3 | 14.4 | 66.8 | 98.0 | 100.0 | | | 99.3 | 78.4 | 23.9 | 1.8 | 57.0 |
| GE 79F | 12.0 | 7.5 | 45.7 | 89.8 | | | | | 100.0 | 91.5 | 50.9 | 20.4 | 64.2 |
| GE 78F | 32.9 | 26.1 | 66.6 | 98.3 | | | | | | 98.1 | 76.7 | 45.9 | 78.7 |
| GE 77F | 46.8 | 48.4 | 81.7 | 99.3 | | | | | | 99.9 | 90.6 | 63.0 | 85.7 |
| GE 76F | 57.0 | 67.3 | 91.1 | 100.0 | | | | | | 100.0 | 95.7 | 75.9 | 90.2 |
| GE 75F | 68.7 | 75.8 | 96.7 | | | | | | | | 98.3 | 86.3 | 91.5 |
| GE 74F | 79.9 | 87.9 | 98.9 | | | | | | | | 99.3 | 94.3 | 94.6 |
| GE 73F | 97.6 | 94.1 | 100.0 | | | | | | | | 99.9 | 97.8 | 98.2 |
| GE 72F | 92.7 | 97.1 | | | | | | | | | 100.0 | 98.4 | 99.1 |
| GE 71F | 95.6 | 99.0 | | | | | | | | | | 99.5 | 99.5 |
| GE 70F | 97.8 | 99.9 | | | | | | | | | | 99.7 | 99.6 |
| GE 69F | 99.2 | | | | | | | | | | | | 99.9 |
| GE 68F | 99.8 | 100.0 | | | | | | | | | | | 99.9 |
| GE 67F | 99.9 | | | | | | | | | | | | 100.0 |
| GE 66F | 100.0 | | | | | | | | | | | | 100.0 |
| GE 65F | | | | | | | | | | | | | |
| MEAN | 1 | 20.1 | 27.1 | 32.1 | 44.5 | 58.5 | 65.9 | 69.1 | 66.2 | 66.7 | 45.3 | 34.5 | 45.1 |
| SD | 1 | 13.113 | 10.222 | 8.152 | 8.646 | 9.898 | 7.913 | 6.766 | 7.016 | 7.679 | 7.397 | 7.910 | 9.786 |
| TOTAL OBS | 1 | 782 | 708 | 785 | 765 | 790 | 760 | 739 | 727 | 724 | 658 | 691 | 775 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 260630

STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 50-71, 73-87

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| GE 701 | | | | | | | | 1.1 | | | | | 1.1 |
| GE 651 | | | | | | 4.5 | 2.0 | 1.5 | | | | | 7.7 |
| GE 601 | | | | | 1.3 | 5.0 | 14.6 | 11.0 | 1.7 | | | | 27.7 |
| GE 551 | | | | .1 | 6.8 | 22.9 | 48.2 | 76.2 | 7.7 | .8 | | | 100.0 |
| GE 501 | | | | .7 | 15.2 | 56.9 | 86.5 | 74.7 | 25.8 | 4.7 | .1 | | 100.0 |
| GE 451 | | | | 3.0 | 35.1 | 83.2 | 97.8 | 90.6 | 58.1 | 17.5 | 1.6 | | 100.0 |
| GE 401 | | | .1 | 7.7 | 59.0 | 94.1 | 99.6 | 97.9 | 75.4 | 24.5 | 5.6 | | 100.0 |
| GE 351 | 1.3 | .1 | 5.9 | 28.5 | 85.4 | 99.3 | 99.9 | 99.9 | 90.5 | 63.3 | 23.3 | 1.5 | 100.0 |
| GE 301 | 6.1 | 2.1 | 13.8 | 41.8 | 90.5 | 100.0 | 100.0 | 100.0 | 83.4 | 71.1 | 53.7 | 7.1 | 100.0 |
| GE 251 | 13.8 | 5.6 | 28.3 | 67.7 | 97.2 | | | | 68.2 | 53.5 | 53.5 | 21.1 | 100.0 |
| GE 201 | 24.9 | 18.9 | 46.0 | 88.6 | 99.7 | | | | 94.4 | 83.1 | 70.6 | 40.7 | 100.0 |
| GE 151 | 35.0 | 31.9 | 57.7 | 96.5 | 100.0 | | | | 100.0 | 96.4 | 83.1 | 61.7 | 100.0 |
| GE 101 | 46.2 | 46.5 | 69.6 | 98.6 | | | | | | 99.8 | 91.3 | 85.4 | 100.0 |
| GE 101 | 56.1 | 60.2 | 79.7 | 99.1 | | | | | | 100.0 | 95.4 | 74.8 | 100.0 |
| GE 51 | 64.7 | 70.8 | 89.5 | 99.5 | | | | | | | 97.5 | 84.2 | 100.0 |
| GE 01 | 75.1 | 79.4 | 93.4 | 99.9 | | | | | | | 99.3 | 91.8 | 100.0 |
| GE -51 | 82.4 | 86.6 | 96.6 | 100.0 | | | | | | | 99.7 | 94.4 | 100.0 |
| GE -101 | 89.4 | 92.8 | 94.5 | | | | | | | | 100.0 | 97.6 | 100.0 |
| GE -151 | 94.1 | 96.8 | 99.7 | | | | | | | | | 99.3 | 100.0 |
| GE -201 | 97.3 | 98.6 | 100.0 | | | | | | | | | 99.5 | 100.0 |
| GE -251 | 99.0 | 99.6 | | | | | | | | | | 99.7 | 100.0 |
| GE -301 | 100.0 | 99.6 | | | | | | | | | | | 100.0 |
| GE -351 | | 100.0 | | | | | | | | | | 99.9 | 100.0 |
| GE -401 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 11.0 | 11.5 | 20.2 | 41.5 | 42.1 | 50.0 | 54.5 | 62.4 | 64.9 | 76.7 | 75.1 | 18.2 | 33.4 |
| SD | 15.625 | 13.527 | 12.178 | 6.618 | 7.396 | 6.081 | 5.003 | 6.735 | 7.272 | 7.965 | 9.228 | 12.513 | 17.973 |
| TOTAL OBS | 782 | 708 | 785 | 765 | 790 | 760 | 739 | 727 | 724 | 694 | 691 | 735 | 8904 |

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 260630

STATION NAME: Leningrad USSR

PERIOD OF RECORD: 64-71, 77-78

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| GE 601 | | | | | | | | 1.1 | | | | | 1.0 |
| GE 751 | | | | | | | 1.7 | 5.4 | | | | | 1.1 |
| GE 701 | | | | | 1.9 | 7.0 | 8.9 | 5.4 | 1.5 | | | | 1.6 |
| GE 651 | | | | 1.1 | 6.2 | 16.2 | 10.7 | 19.7 | 2.8 | | | | 1.3 |
| GE 601 | | | | 1.6 | 14.3 | 42.8 | 67.4 | 48.6 | 10.4 | | | | 1.4 |
| GE 551 | | | | 2.5 | 28.9 | 71.8 | 94.2 | 81.6 | 29.6 | 2.2 | | | 2.0 |
| GE 501 | | | | 5.6 | 51.8 | 91.8 | 99.1 | 25.9 | 60.1 | 11.6 | 1.3 | | 16.8 |
| GE 451 | | | 1.5 | 10.3 | 76.8 | 99.2 | 100.0 | 100.0 | 42.3 | 15.2 | 3.2 | | 47.1 |
| GE 401 | | | 3.4 | 39.5 | 93.8 | 99.9 | | | 25.4 | 12.5 | 14.9 | 1.7 | 67.5 |
| GE 351 | 6.0 | 2.6 | 22.0 | 71.9 | 99.4 | 100.0 | | | 29.3 | 21.8 | 37.9 | 7.9 | 60.7 |
| GE 301 | 20.1 | 13.7 | 43.2 | 92.3 | 100.0 | | | | 100.0 | 61.3 | 65.8 | 24.6 | 72.3 |
| GE 251 | 23.1 | 30.6 | 62.5 | 97.5 | | | | | | 66.1 | 82.3 | 50.1 | 77.5 |
| GE 201 | 46.7 | 47.9 | 75.7 | 99.2 | | | | | | 94.6 | 91.6 | 66.0 | 85.5 |
| GE 151 | 58.2 | 62.6 | 89.2 | 99.7 | | | | | | 100.0 | 25.7 | 76.3 | 85.0 |
| GE 101 | 67.9 | 74.2 | 92.6 | 100.0 | | | | | | | 28.3 | 66.1 | 85.2 |
| GE 51 | 76.3 | 84.3 | 93.0 | | | | | | | | 29.4 | 43.2 | 85.0 |
| GE 01 | 95.5 | 91.2 | 92.5 | | | | | | | | 99.7 | 47.1 | 77.7 |
| GE -51 | 91.7 | 95.8 | 99.9 | | | | | | | | 100.0 | 58.5 | 85.6 |
| GE -101 | 95.1 | 93.0 | 100.0 | | | | | | | | | 59.3 | 85.0 |
| GE -151 | 97.7 | 92.7 | | | | | | | | | | 59.6 | 85.7 |
| GE -201 | 99.0 | | | | | | | | | | | 59.7 | 92.9 |
| GE -251 | 99.6 | 100.0 | | | | | | | | | | | 92.9 |
| GE -301 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 1 | 15.9 | 17.6 | 20.4 | 26.3 | 50.6 | 58.2 | 62.1 | 59.6 | 51.0 | 41.3 | 31.5 | 22.4 |
| SUM | 1 | 14.209 | 11.604 | 9.729 | 6.976 | 7.916 | 6.179 | 5.114 | 5.807 | 6.835 | 7.259 | 8.313 | 10.911 |
| TOTAL OBS | 1 | 742 | 706 | 745 | 765 | 790 | 760 | 739 | 727 | 724 | 698 | 671 | 735 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 260630 STATION NAME: Leningrad USSR

PERIOD OF RECORD: 59-71, 73-87

| YEAR | WHOLE DEGREES FAHRENHEIT | | | | | | | | | | | | ALL MONTHS |
|-----------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 59 | *37 | *36 | *45 | *57 | *70 | *81 | *86 | *82 | *64 | *52 | *44 | *36 | *86 |
| 60 | *34 | *37 | *43 | *59 | *77 | *79 | *86 | *77 | *61 | *52 | *45 | *39 | *86 |
| 61 | *37 | *39 | *43 | *61 | *82 | *82 | *79 | *88 | *66 | *50 | *45 | *36 | *88 |
| 62 | *39 | *36 | *37 | *68 | *73 | *75 | *77 | *68 | *63 | *61 | *48 | *37 | *77 |
| 63 | *28 | *34 | *32 | *66 | *81 | *73 | *90 | *81 | *82 | *54 | *44 | *37 | *90 |
| 64 | *37 | *34 | *39 | 61 | *72 | *81 | *79 | *68 | 64 | *64 | *46 | *39 | *81 |
| 65 | *36 | *34 | *41 | *57 | *63 | *81 | *77 | *79 | 70 | *55 | *45 | 36 | *81 |
| 66 | 36 | 36 | *41 | *46 | *77 | *81 | 81 | *75 | *66 | 64 | 42 | 36 | *81 |
| 67 | *32 | *36 | *45 | *57 | 75 | 75 | 82 | 86 | 81 | 62 | *52 | 37 | *84 |
| 68 | 30 | *36 | *54 | 63 | *70 | *84 | *79 | *81 | 82 | 52 | *44 | *36 | *84 |
| 69 | *34 | *32 | *43 | *61 | 77 | 77 | *84 | *75 | *73 | 56 | 44 | *34 | *84 |
| 70 | 34 | 34 | 39 | 66 | 84 | 61 | *88 | *75 | 73 | *54 | 41 | *34 | *84 |
| 71 | *45 | 39 | *43 | 55 | 81 | 77 | | | | | | | |
| 73 | *42 | *50 | 55 | 62 | 75 | *78 | *86 | *86 | *60 | *62 | *46 | *39 | *86 |
| 74 | *35 | *37 | *46 | *55 | 64 | *77 | *82 | 75 | *75 | 64 | 44 | *41 | *82 |
| 75 | *41 | *41 | *46 | *64 | *82 | *78 | *80 | *78 | *79 | *62 | *46 | *41 | *82 |
| 76 | *33 | *39 | *19 | *60 | *75 | *77 | *80 | *73 | 72 | *44 | 51 | *41 | *80 |
| 77 | *35 | 72 | *42 | 59 | 75 | *86 | 82 | *82 | 72 | 52 | *44 | *37 | *86 |
| 78 | *37 | *32 | *46 | *77 | *75 | 79 | 82 | 81 | 77 | 55 | 50 | 24 | *82 |
| 79 | *34 | 36 | 45 | 64 | 82 | 79 | 73 | *77 | 64 | *61 | 46 | 50 | *82 |
| 80 | 36 | 34 | 43 | 72 | 73 | *84 | 82 | 81 | 72 | 54 | 46 | 39 | *84 |
| 81 | 36 | 37 | 50 | 48 | 81 | 64 | 82 | 73 | *64 | *66 | 37 | 34 | *84 |
| 82 | *34 | *35 | *42 | *62 | 74 | *73 | *82 | *74 | 71 | *57 | 49 | 47 | *82 |
| 83 | 42 | 34 | *43 | 72 | *74 | *77 | 83 | *81 | 74 | 57 | 47 | 37 | *83 |
| 84 | *38 | 31 | 46 | 67 | 87 | *78 | *78 | 82 | 65 | 65 | *44 | 39 | *87 |
| 85 | *32 | *28 | 47 | 54 | *84 | 74 | 78 | *91 | *71 | *60 | 45 | *40 | *91 |
| 86 | 37 | 29 | 49 | 76 | 76 | 82 | 81 | *84 | 67 | 54 | *50 | *43 | *84 |
| 87 | 30 | *36 | 44 | *63 | *78 | *74 | 81 | *71 | *60 | | | | |
| MEAN | 35.3 | 34.2 | 46.4 | 63.1 | 77.2 | 78.7 | 80.6 | 79.7 | 72.1 | 58.1 | 45.9 | 38.3 | |
| NO. | 4166 | 2974 | 4586 | 7594 | 5862 | 3279 | 2838 | 4803 | 6432 | 5770 | 3988 | 6255 | |
| TOTAL OBS | 742 | 708 | 785 | 765 | 790 | 760 | 739 | 727 | 724 | 694 | 691 | 735 | 8904 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 260633 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 59-71, 73-87

| YEAR | WHOLE DEGREES FAHRENHEIT | | | | | | | | | | | | ALL MONTHS |
|-----------|--------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 59 | *-2 | *10 | *7 | *21 | *32 | *45 | *43 | *41 | *32 | *16 | *1 | *-11 | *-11 |
| 60 | *-22 | *-15 | *-11 | *-2 | *28 | *46 | *48 | *1 | *36 | *16 | *7 | *18 | *-22 |
| 61 | *-6 | *16 | *14 | *21 | *28 | *45 | *48 | *43 | *30 | *39 | *14 | *-15 | *-15 |
| 62 | *-15 | *-2 | *-2 | *28 | *30 | *34 | *45 | *43 | *34 | *19 | *14 | *1 | *-15 |
| 63 | *-20 | *-18 | *-20 | *1 | *32 | *34 | *46 | *37 | *34 | *28 | *6 | *-2 | *-20 |
| 64 | *-2 | *-15 | *-11 | *23 | *32 | *39 | *45 | *43 | *28 | *28 | *0 | *-4 | *-15 |
| 65 | *-8 | *-22 | *-11 | *9 | *25 | *36 | *45 | *36 | *37 | *21 | *-8 | *-2 | *-22 |
| 66 | *-20 | *-35 | *-6 | *14 | *30 | *36 | *48 | *34 | *37 | *21 | *18 | *-6 | *-35 |
| 67 | *-24 | *-18 | *19 | *25 | *28 | *37 | *41 | *43 | *30 | *28 | *14 | *-15 | *-24 |
| 68 | *-26 | *-6 | *1 | *23 | *30 | *39 | *37 | *45 | *27 | *16 | *16 | *-9 | *-26 |
| 69 | *-22 | *-20 | *-8 | *18 | *25 | *37 | *34 | *37 | *32 | *27 | *16 | *-8 | *-22 |
| 70 | *-22 | *-17 | *3 | *14 | *28 | *39 | *48 | *43 | *30 | *25 | *12 | *3 | *-22 |
| 71 | *-6 | *-6 | *-6 | *21 | *27 | *36 | | | | | | | |
| 73 | *-3 | *-15 | *-6 | *26 | *33 | *44 | *44 | *35 | *24 | *23 | *6 | *-13 | *-13 |
| 74 | *-6 | *15 | *15 | *19 | *24 | *41 | *50 | *41 | *37 | *32 | *23 | *21 | *-6 |
| 75 | *-1 | *-10 | *6 | *26 | *30 | *35 | *39 | *39 | *35 | *17 | *5 | *5 | *-10 |
| 76 | *-15 | *-22 | *-1 | *24 | *26 | *37 | *44 | *37 | *23 | *14 | *-1 | *-13 | *-22 |
| 77 | *-12 | *-19 | *-12 | *7 | *32 | *36 | *45 | *39 | *30 | *27 | *18 | *-13 | *-12 |
| 78 | *-11 | *-9 | *-2 | *19 | *23 | *35 | *45 | *37 | *30 | *23 | *19 | *-36 | *-11 |
| 79 | *-22 | *-24 | *0 | *16 | *32 | *45 | *46 | *43 | *34 | *12 | *21 | *3 | *-22 |
| 80 | *-13 | *-17 | *-6 | *21 | *28 | *43 | *46 | *39 | *37 | *18 | *1 | *-4 | *-13 |
| 81 | *-6 | *-2 | *-11 | *19 | *28 | *36 | *50 | *45 | *37 | *28 | *14 | *-6 | *-11 |
| 82 | *-18 | *-6 | *11 | *28 | *30 | *34 | *51 | *49 | *38 | *21 | *22 | *15 | *-18 |
| 83 | *8 | *-2 | *-1 | *29 | *38 | *42 | *53 | *41 | *38 | *29 | *6 | *5 | *-2 |
| 84 | *11 | *11 | *7 | *28 | *34 | *40 | *51 | *39 | *44 | *31 | *-3 | *2 | *-3 |
| 85 | *-20 | *-14 | *18 | *23 | *34 | *35 | *47 | *50 | *35 | *27 | *8 | *2 | *-20 |
| 86 | *-16 | *-7 | *14 | *22 | *35 | *48 | *48 | *44 | *30 | *29 | *26 | *-5 | *-16 |
| 87 | *-30 | *-7 | *-6 | *20 | *35 | *48 | *44 | *42 | *39 | | | | |
| MEAN | -14.6 | -11.6 | 1.4 | 21.0 | 29.5 | 38.7 | 46.6 | 40.7 | 32.1 | 25.3 | 13.3 | -4.4 | |
| S.D. | 12.141 | 13.172 | 9.926 | 5.972 | 3.431 | 4.664 | 7.171 | 2.944 | 5.484 | 5.461 | 8.148 | 13.672 | |
| TOTAL OBS | 782 | 708 | 785 | 765 | 790 | 760 | 739 | 727 | 724 | 698 | 691 | 735 | 8924 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

END

DATE

~~FILMED~~

4 88

DTIC